

**EOG Resources, Inc.**  
**P.O. Box 250**  
**Big Piney, WY 83113**

May 16, 2002

Utah Division of Oil, Gas, & Mining  
1594 West North Temple, Suite 1210  
P.O. Box 145801  
Salt Lake City, UT 84114-5801

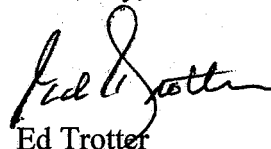
RE: APPLICATION FOR PERMIT TO DRILL  
CHAPITA WELLS UNIT 820-10  
SW/NW, SEC. 10, T9S, R22E  
UINTAH COUNTY, UTAH  
LEASE NO.: U-0281  
FEDERAL LANDS

Enclosed please find a copy of the Application for Permit to Drill and associated attachments for the referenced well.

Please address further communication regarding this matter (including approval) to:

Ed Trotter  
P.O. Box 1910  
Vernal, UT 84078  
Phone: (435)789-4120  
Fax: (435)789-1420

Sincerely,



Ed Trotter  
Agent  
EOG Resources, Inc.

Attachments

**RECEIVED**

**MAY 24 2002**

**DIVISION OF  
OIL, GAS AND MINING**

UDOGM-BLM-EOG

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

501

1a. TYPE OF WORK  
**DRILL** ☒ **DEEPEN** ☐

b. TYPE OF WELL  
Oil Well ☐ Gas Well ☒ Other ☐ Single Zone ☐ Multiple Zone ☐

2. Name of Operator  
**EOG RESOURCES, INC.**

3. Address and Telephone Number  
**P.O. BOX 1815, VERNAL, UT 84078 (435)789-0790**

4. Location of Well (Report location clearly and in accordance with any State requirements.)  
At surface **2400' FNL & 350' FWL SW/NW 4434404 Y 40.05119 433596 X -109.43381**  
At proposed prod. Zone

14. Distance in miles and direction from nearest town or post office  
**14 MILES SOUTHEAST OF OURAY, UTAH**

15. Distance from proposed location to nearest property or lease line, ft.  
(Also to nearest drig. Unit line, if any) **350'**

16. No. of acres in lease **2558**

17. No. of acres assigned to this well

18. Distance from proposed location to nearest well, drilling, completed, or applied for, on this lease, ft.

19. Proposed depth **10,560'**

20. Rotary or cable tools **ROTARY**

21. Elevations (show whether DF, RT, GR, etc.)  
**4751.8 FEET GRADED GROUND**

22. Approx. date work will start  
**UPON APPROVAL**

5. Lease designation and serial number  
**U-0281**

6. If Indian, Allottee or Tribe name

7. Unit Agreement Name  
**CHAPITA WELLS UNIT**

8. Farm or lease name, well no.

9. API Well No.  
**CWU 820-10**

10. Field and pool, or wildcat  
**MANCOS / Natural Buttes**

11. Sec., T., R., M., or BLK. and survey or area  
**SEC. 10, T9S, R22E**

12. County or parish  
**UINTAH**

13. State  
**UTAH**

23. PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	13 3/8"	48#	120' +/-	Cement with 50 sx Class "G" plus 2%
12 1/4"	9 5/8"	36.0#	2800' +/-	CaCl2. (Casing will be preset.) Cement interval from 2800' to 1800' with Class
7 7/8"	4 1/2"	11.6#	10,560' +/-	"G" plus 2% CaCl2 & 1/4#/sx Celloflake. Cement interval from 1800' to surface

SEE ATTACHMENTS FOR:

8 POINT PLAN  
BOP SCHEMATIC  
SURFACE USE AND OPERATING PLAN  
LOCATION PLAT  
LOCATION LAYOUT  
TOPOGRAPHIC MAPS "A", "B", AND "C"  
GAS SALES PIPELINE—MAP "D"

CONFIDENTIAL

Cement interval from 1800' to surface  
With light weight cement plus specified additives. 1" top 25' with Class "G" cement plus 3% CaCl2. Cement interval from TD to 500' +/- above uppermost pay interval with 50/50 Pozmix w/2% gel & 10% salt. Volume to be calculated from Caliper log annular volume plus 5% excess. Circulate casing before cementing. Reciprocate casing during Cementing.

EOG RESOURCES INC. WILL BE THE DESIGNATED OPERATOR  
OF THE SUBJECT WELL UNDER BOND #NM-2308

Pc: UTAH DIVISION OF OIL, GAS, AND MINING

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Paul J. Gutter TITLE Agent DATE 5-16-2002

(This space for Federal or State office use)

PERMIT NO. 143-047-34582 EXPIRATION DATE

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY Bradley G. Hill TITLE BRADLEY G. HILL DATE MAY 24 2002

RECLAMATION SPECIALIST III

RECEIVED  
DIVISION OF  
OIL, GAS AND MINING

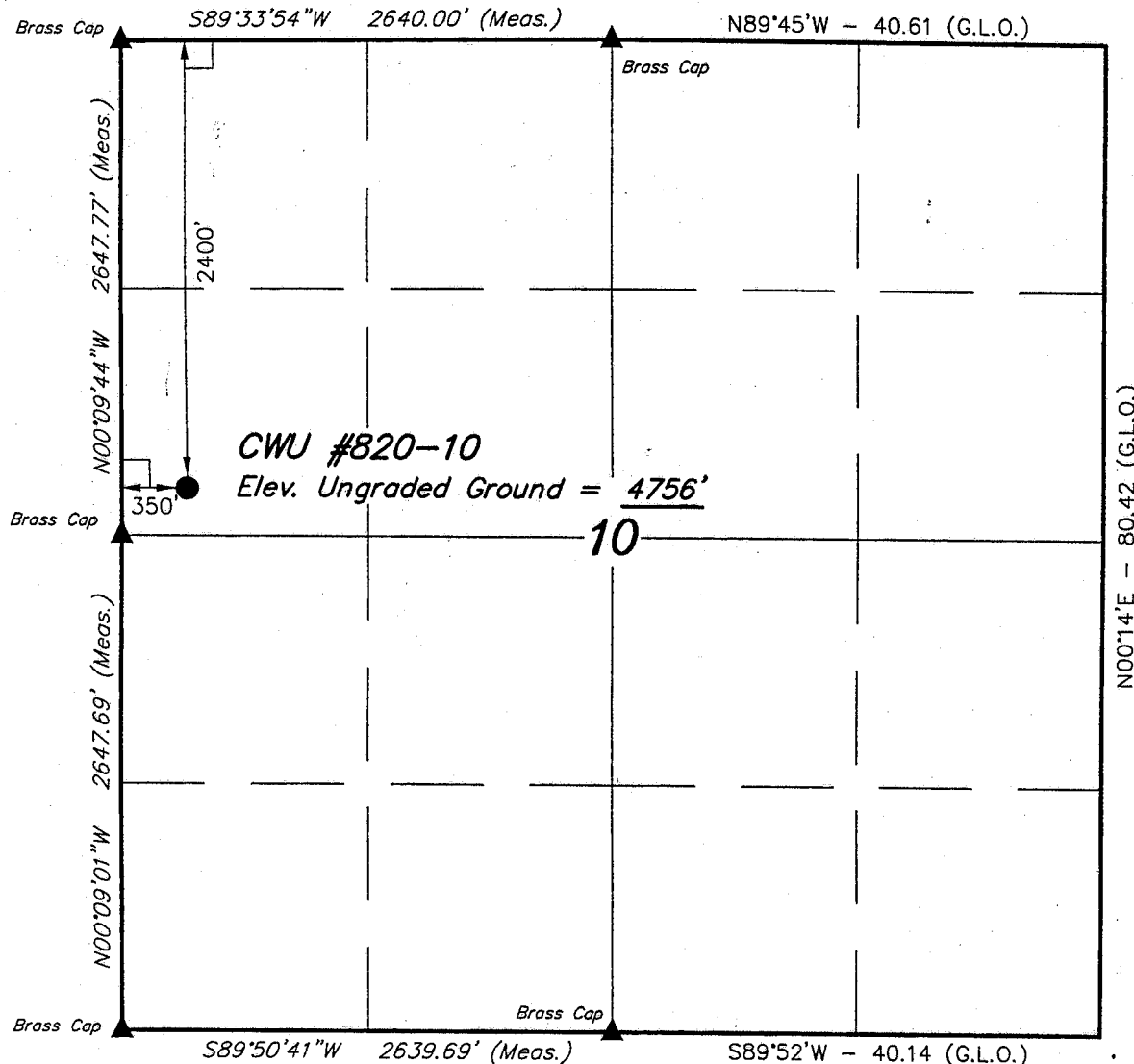
# EOG RESOURCES, INC.

**T9S, R22E, S.L.B.&M.**

Well location, CWU #820-10, located as shown in the SW 1/4 NW 1/4 of Section 10, T9S, R22E, S.L.B.&M. Uintah County, Utah.

## BASIS OF ELEVATION

BENCH MARK 20EAM LOCATED IN THE SE 1/4 OF SECTION 35, T9S, R21E, S.L.B.&M. TAKEN FROM THE OURAY SE, QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4697 FEET.

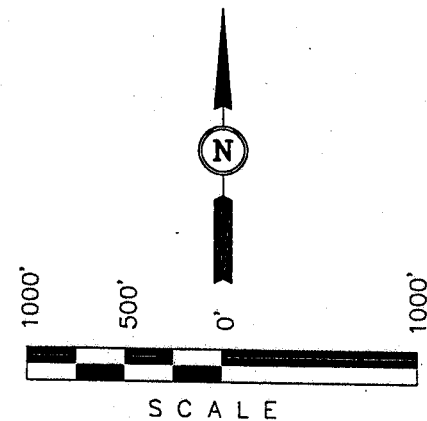


## LEGEND:

- = 90° SYMBOL
- = PROPOSED WELL HEAD.
- = SECTION CORNERS LOCATED.

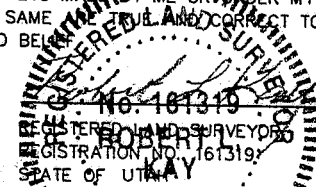
## BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.  
(AUTONOMOUS NAD 83)  
LATITUDE = 40°03'04.37" (40.051214)  
LONGITUDE = 109°26'03.44" (109.434289)



## CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



**UNTAH ENGINEERING & LAND SURVEYING**  
85 SOUTH 200 EAST - VERNAL, UTAH 84078  
(435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 04-09-02	DATE DRAWN: 04-16-02
PARTY B.B. K.S. D.R.B.	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE EOG RESOURCES, INC.	

## EIGHT POINT PLAN

### CHAPITA WELLS UNIT 820-10 SW/NW, SEC. 10, T9S, R22E, S.L.B.&M. UINTAH COUNTY, UTAH

#### **1. & 2. ESTIMATED TOPS & ANTICIPATED OIL, GAS, & WATER ZONES:**

<b>FORMATION</b>	<b>DEPTH (KB)</b>
Green River FM	1930
Wasatch (UB)	5030
Island	7414
Cret. KMV Price River	7879
Cret. KMV Lower Price River	9115
Sego	9628
Buck Tongue	9706
Cret. KMV Castlegate	9806
Cret. KMV Black Hawk	10,259

EST. TD: 10,560

Anticipated BHP 4600 PSI

#### **3. PRESSURE CONTROL EQUIPMENT: BOP Schematic Diagram attached.**

#### **4. CASING PROGRAM:**

<u>HOLE SIZE</u>	<u>INTERVAL</u>	<u>LENGTH</u>	<u>SIZE</u>	<u>WEIGHT</u>	<u>GRADE</u>	<u>THREAD</u>	<u>MINIMUM SAFETY FACTOR</u>		
							<u>COLLAPSE</u>	<u>BURST</u>	<u>TENSILE</u>
17 1/2"	0' -120' +/- GL	120' +/-	13 3/8"	48.0 #	H-40	ST&C	770 PSI	1730 PSI	322,000#
12 1/4"	0' - 2800' +/- KB	2800' +/-	9 5/8"	36.0 #	J-55	ST&C	2020 PSI	3520 PSI	394,000#
7 7/8"	0' -10,560' +/- KB	10,560' +/-	4 1/2"	11.6 #	N-80	LT&C	6350 PSI	7780 PSI	223,000#

If conductor drive pipe is used, it will be left in place if its total length is less than 20 feet below the surface. If the total length of the drive pipe is equal to or greater than 20 feet, it will be pulled prior to cementing surface casing, or it will be cemented in place. The minimum diameter of the conductor drive pipe will be 13 3/8".

All casing will be new or inspected.

#### **5. MUD PROGRAM**

<b>Depth INTERVAL From To</b>	<b>Mud Weight</b>	<b>Vis</b>	<b>WL (cc)</b>	<b>MUD TYPE</b>
0' - 120'	N/A	N/A	N/A	Air
120' - 2800'	N/A	N/A	N/A	Air/Mist or Aerated Water
2800' - TD	As Needed	As Needed	<8	Aerated 4% KCL water, salt gel

**NOTE:** Add 400 sx KCL to system over 24 hour period after reaching 4000'. Maintain 4% system to TD.  
(Convert to salt gel mud system as hole conditions dictate.)

## EIGHT POINT PLAN

### CHAPITA WELLS UNIT 820-10 SW/NW, SEC. 10, T9S, R22E, S.L.B.&M. UINTAH COUNTY, UTAH

Lost circulation probable from 1500' to 3000'+/-.

Sufficient mud inventory will be maintained on location during drilling to handle any adverse conditions that may arise.

#### **6. VARIANCE REQUESTS:**

- A. EOG Resources, Inc. requests a variance to regulations requiring a straight run blooie line (Where possible, a straight run blooie line will be used).
- B. EOG Resources, Inc. requests a variance to regulations requiring an automatic ignitor or continuous pilot light on the blooie line. (Not required on aerated water system).
- B. EOG Resources, Inc. requests a variance to regulations requiring the blooie line to be 100' in length. To reduce location excavation, the blooie line will be 75' in length.

#### **7. EVALUATION PROGRAM:**

Logs: DIPOLE SONIC  
SCHLUMBERGER PLATFORM EXPRESS

TD to Surface Casing  
TD to Surface Casing

Cores: None Programmed  
DST: None Programmed

Completion: To be submitted at a later date.

Note: If hole conditions prevent the running of open hole logs, a cased hole Dipole Sonic/Neutron/Gr will be run in lieu of open hole logs.

#### **8. ABNORMAL CONDITIONS:**

Possible lost circulation near top of Green River

Mesa Verde Section slightly over-pressured.

#### **9. STANDARD REQUIRED EQUIPMENT:**

- A. Choke Manifold
- B. Kelly Clock
- C. Stabbing Valve
- D. Visual Mud Monitoring

**EIGHT POINT PLAN**

**CHAPITA WELLS UNIT 820-10**  
**SW/NW, SEC. 10, T9S, R22E, S.L.B.&M.**  
**UINTAH COUNTY, UTAH**

**10. HAZARDOUS CHEMICALS:**

No chemicals subject to reporting under SARA title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

(Attachment: BOP Schematic Diagram)

**CONDITIONS OF APPROVAL  
FOR THE SURFACE USE PROGRAM OF THE  
APPLICATION FOR PERMIT TO DRILL**

Company/Operator:	<u>EOG Resources, Inc.</u>
Well Name & Number:	<u>Chapita Wells Unit 820-10</u>
Lease Number:	<u>U-0281</u>
Location:	<u>2400' FNL &amp; 350' FWL, SW/NW, Sec. 10,</u> <u>T9S, R22E, S.L.B.&amp;M., Uintah County, Utah</u>
Surface Ownership:	<u>Federal</u>

**NOTIFICATION REQUIREMENTS**

Location Construction - forty-eight (48) hours prior to construction of location and access roads.

Location Completion - prior to moving on the drilling rig.

Spud Notice: - at least twenty-four (24) hours prior to spudding the well.

Casing String and Cementing - twenty-four (24) hours prior to running casing and cementing all casing strings.

BOP and related Equipment Tests - twenty-four (24) hours prior to running casing and tests.

First Production Notice - within five (5) business days after new Well begins or production resumes after Well has been off production for more than ninety (90) days.

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

## **THIRTEEN POINT SURFACE USE PROGRAM**

### **1. EXISTING ROADS**

- A. See attached Wellsite Plats showing directional reference stakes on location, and attached TOPO Map "B" showing access to location from existing roads.
- B. The proposed well site is located approximately 14 miles southeast of Ouray, Utah - See attached TOPO Map "A".
- C. Refer to attached Topographic Map "A" showing labeled access route to location.
- D. Existing roads will be maintained and repaired as necessary. No off lease Right-of-Way will be required.

### **2. PLANNED ACCESS ROAD**

- A. The access road will be approximately 1.4 miles in length. See attached TOPO Map "B".
- B. The access road has a 30 foot ROW w/ 18 foot running surface.
- C. Maximum grade on access road will be 8%.
- D. No turnouts will be required.
- E. Road drainage crossings shall be of the typical dry creek drainage crossing type.
- F. No culverts, bridges, or major cuts and fills will be required.
- G. The access road will be dirt surface.
- H. No gates, cattleguards, or fences will be required or encountered.

New or reconstructed roads will be centerlined - flagged at time of location staking.

The road shall be upgraded to meet the standards of the anticipated traffic flow and all-weather road requirements. Upgrading shall include ditching, drainage, graveling, crowning, and capping the roadbed as necessary to provide a well-constructed safe road. Prior to upgrading, the road shall be cleared of any snow cover and allowed to dry completely. Traveling off the 30 foot Right-of-Way will not be allowed.

Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossings nor shall the drainages be blocked by the roadbed. Erosion of drainage ditches by run off water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. Should mud holes develop, they shall be filled in and detours around them avoided.

As operator, EOG Resources, Inc. shall be responsible for all maintenance on cattleguards, or gates associated with this oil and/or gas operation.



**3. LOCATION OF EXISTING WELLS WITHIN A ONE MILE RADIUS OF PROPOSED WELL LOCATION**

A. Abandoned wells – 2\*

B. Producing wells - 46\*

(\*See attached TOPO map "C" for location)

**4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES**

**A. ON WELL PAD**

1. Production facilities will be set on location if the well is successfully completed for production. Facilities will consist of wellhead valves, combo separator-dehy unit with meter, 300 Bbl vertical or 200 Bbl low profile, condensate tank, and attaching piping. See attached facility diagram.
2. Gas gathering lines - A 3" gathering line will be buried from dehy to the edge of the location.

**B. OFF WELL PAD**

1. Proposed location of attendant off pad flowlines shall be flagged prior to archaeological clearance.
2. A 3" OD steel above ground natural gas pipeline will be laid approximately 300' from proposed location to a point in the SW/NW of Section 10, T9S, R22E, where it will tie into Questar Pipeline Co.'s existing line. Proposed pipeline crosses Federal lands within the Chapita Wells Unit, thus a Right-of-Way grant will not be required.
3. Proposed pipeline will be a 3" OD steel, welded line laid on the surface.
4. Protective measures and devices for livestock and wildlife will be taken and/or installed where required.

If storage facilities/tank batteries are constructed on this lease, the facility/battery or the well pad shall be surrounded by a containment dike of sufficient capacity to contain, at a minimum, the entire contents of the largest tank within the facility/battery.

The production facilities will be placed on the East side of the location.

All permanent (on site for six months or longer) structures constructed or installed (including pumping units) will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the Rocky Mountain Five State Interagency Committee. All facilities will be painted within 6 months of installation. Facilities

required to comply with O.S.H.A. (Occupational Safety and Health Act) will be excluded.

The required paint color is Carlsbad Canyon.

If at any time the facilities located on public land and authorized by the terms of the lease are no longer included in the lease (due to a contraction in the unit or other lease or unit boundary change), BLM will process a change in authorization to the appropriate statute. The authorization will be subject to appropriate rental or other financial obligation as determined by the authorized officer.

**5. LOCATION & TYPE OF WATER SUPPLY**

- A. Water supply will be from Ouray Municipal Water Plant at Ouray, Utah, and/or Target Trucking Inc.'s water source in the SW/SW, Sec. 35, T9S, R22E, Uintah County, Utah (State Water Right #49-1501). Produced water from the Chapita Wells and Stagecoach Units will also be used.
- B. Water will be hauled by a licensed trucking company.
- C. No water well will be drilled on lease.

**6. SOURCE OF CONSTRUCTION MATERIAL**

- A. All construction material for this location and access road will be of native borrow and soil accumulated during the construction of the location.
- B. All construction material will come from Federal Land.
- C. No mineral materials will be required.

**7. METHODS OF HANDLING WASTE DISPOSAL**

**A. METHODS AND LOCATION**

- 1. Cuttings will be confined in the reserve pit.
- 2. A portable toilet will be provided for human waste during the drilling and completion of the well. Disposal will be at the Vernal sewage disposal plant.
- 3. Burning will not be allowed. Trash and other waste material will be contained in a wire mesh cage and disposed of at the Uintah County Landfill.
- 4. Produced wastewater will be confined to a lined pit or storage tank for a period not to exceed 90 days after initial production. After the 90 day period, the produced water will be contained in a tank on location and then disposed of at one of the following three locations: Natural Buttes Unit 21-20B SWD, Ace Disposal, or EOG Resources, Inc. drilling operations (Chapita Wells Unit, Natural Buttes Unit & Stagecoach Unit).

5. All chemicals will be disposed of at an authorized disposal site. Drip pans and absorbent pads will be used on the drilling rig to avoid leakage of oil to the pit.
- B. Water from drilling fluids and recovered during testing operations will be disposed of by either evaporating in the reserve pit or be removed and disposed of at an authorized disposal site. Introduction of well bore hydrocarbons to the reserve pit will be avoided by flaring them off in the flare pit at the time of recovery.

**On BLM administered land:**

The reserve pit will be constructed so as not to leak, break, or allow discharge. If the reserve pit requires padding prior to lining (due to rocky conditions) felt padding will be used.

**The reserve pit shall be lined.**

8. **ANCILLARY FACILITIES**

- A. No airstrips or camps are planned for this well.

9. **WELLSITE LAYOUT**

- A. Refer to attached well site plat for related topography cuts and fills and cross sections.
- B. Refer to attached well site plat for rig layout and soil material stockpile location as approved on On-site.
- C. Refer to attached well site plat for rig orientation, parking areas, and access road.
- D. The approved seed mixture for this location is:
  - 6 pounds 4-Wing Salt Bush per acre
  - 6 pounds Indian Rice Grass per acre

The reserve pit will be located on the Southeast corner of the location. The flare pit will be located downwind of the prevailing wind direction on the South side of the location, a minimum of 100 feet from the well head and 30 feet from the reserve pit fence.

The stockpiled pit topsoil will be stored separate from the location topsoil between Corners B and 5. The stockpiled location topsoil will be stored around Corner #6. Upon completion of construction, the stockpiled topsoil from the location will be broadcast seeded with the approved seed mixture for this location and then walked down with a cat.

Access to the well pad will be from the West.

## **FENCING REQUIREMENTS:**

All pits will be fenced according to the following minimum standards:

- A. Thirty-nine inch net wire shall be used with at least one strand of barbed wire on top of the net wire. (Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence).
- B. The net wire shall be no more than 2 inches above the ground. The barbed wire strand shall be 3 inches above the net wire. Total height of the fence shall be at least 42 inches.
- C. Corner posts shall be cemented and/or braced in such a manner as to keep the fence tight at all times.
- D. Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than 16 feet.
- E. All wire shall be stretched by using a stretching device before it is attached to the corner posts.

The reserve pit fencing will be on the three sides during drilling operations and on the fourth side when the rig moves off the location. Pits will be fenced and maintained until clean-up.

Each existing fence to be crossed by the access road shall be braced and tied off before cutting so as to prevent slacking of the wire. The opening shall be closed temporarily as necessary during construction to prevent the escape of livestock, and, upon completion of construction, the fence shall be repaired to BLM or SMA specifications. A cattleguard with an adjacent 16 foot gate shall be installed in any fence where a road is to be regularly traveled. If the well is a producer, the cattleguards (shall/shall not) be permanently mounted on concrete bases. Prior to a new road, crossing any fence located on Federal land, or any fence between Federal land and private land, the operator will contact the BLM, who will in turn contact the grazing permittee or owner of said fence and offer him/her the opportunity to be present when the fence is cut in order to satisfy himself/herself that the fence is adequately braced and tied off.

## **10. PLANS FOR RESTORATION OF SURFACE**

### **A. PRODUCING LOCATION**

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, materials, trash, and junk not required for production.

Immediately upon well completion, any hydrocarbons on the pit shall be removed in accordance with CFR 3162.7-1.

If a plastic nylon reinforced liner is used, it shall be torn and perforated before backfilling of the reserve pit.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours. The stockpiled pit topsoil will then be spread over the pit area and broadcast seeded with the prescribed seed mixture for this location. The seeded area will then be walked down with a cat.

**B. DRY HOLE/ABANDONED LOCATION**

At such time as the well is plugged and abandoned, the operator will submit a subsequent report of abandonment and the BLM will attach the appropriate surface rehabilitation conditions of approval.

**11. SURFACE OWNERSHIP**

Access road: Federal

Location: Federal

**12. OTHER INFORMATION**

- A. EOG Resources, Inc. will inform all persons in the area who are associated with this project that they are subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator will immediately stop work that might further disturb such materials, and contact the AO. Within five working days the AO will inform the operator as to:

-whether the materials appear eligible for the National Register of Historic Places;

-the mitigation measures the operator will likely have to undertake before the site can be used.

-a time frame for the AO to complete an expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the AO are correct and that mitigation is appropriate.

If the operator wished, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the AO will assume responsibility for whatever recordation and stabilization of the exposed materials that may be required. Otherwise, the operator will be responsible for mitigation costs. The AO will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the AO that required mitigation has been completed, the operator will then be allowed to resume construction.

- B. As operator, EOG Resources, Inc. will control noxious weeds along Right-of-Ways for roads, pipelines, well sites, or other applicable

facilities. A list of noxious weeds will be obtained from the BLM, or the appropriate County Extension Office. On BLM administered land, a Pesticide Use proposal shall be submitted, and given approval, prior to the application of herbicides or other pesticides or possible hazardous chemicals.

- C. Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on BLM lands after the conclusion of drilling operations or at any other time without BLM authorization. However, if BLM authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities. (The BLM does not seek to compete with private industry. There are commercial facilities available for stacking and storing drilling rigs.)

**Additional Surface Stipulations**

None

**LESSEE'S OR OPERATOR'S REPRESENTATIVE AND CERTIFICATION**

<b><u>OPERATIONS</u></b>		<b><u>PERMITTING</u></b>
EOG Resources, Inc.	EOG Resources, Inc.	Ed Trotter
P.O. Box 250	P.O. Box 1815	P.O. Box 1910
Big Piney, WY 83113	Vernal, UT 84078	Vernal, UT 84078
Jim Schaefer	George McBride	Telephone: (435)789-4120
Telephone (307)276-3331	Telephone (435)789-0790	Fax: (435)789-1420

All lease or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approval plan of operations, and any applicable Notice to Lessees. EOG Resources, Inc. is fully responsible for the actions of their subcontractors. A copy of these conditions will be furnished to the field representative to insure compliance.

A copy of the approved APD and ROW grant, if applicable, shall be on location during construction of the location and drilling activities.

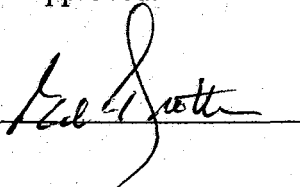
**Certification**

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions that presently exist; that the statements made in the Plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by EOG Resources, Inc. and its contractors and subcontractors in conformity with this Plan and the terms and conditions under which it is approved.

Date

5-16-2002

Agent

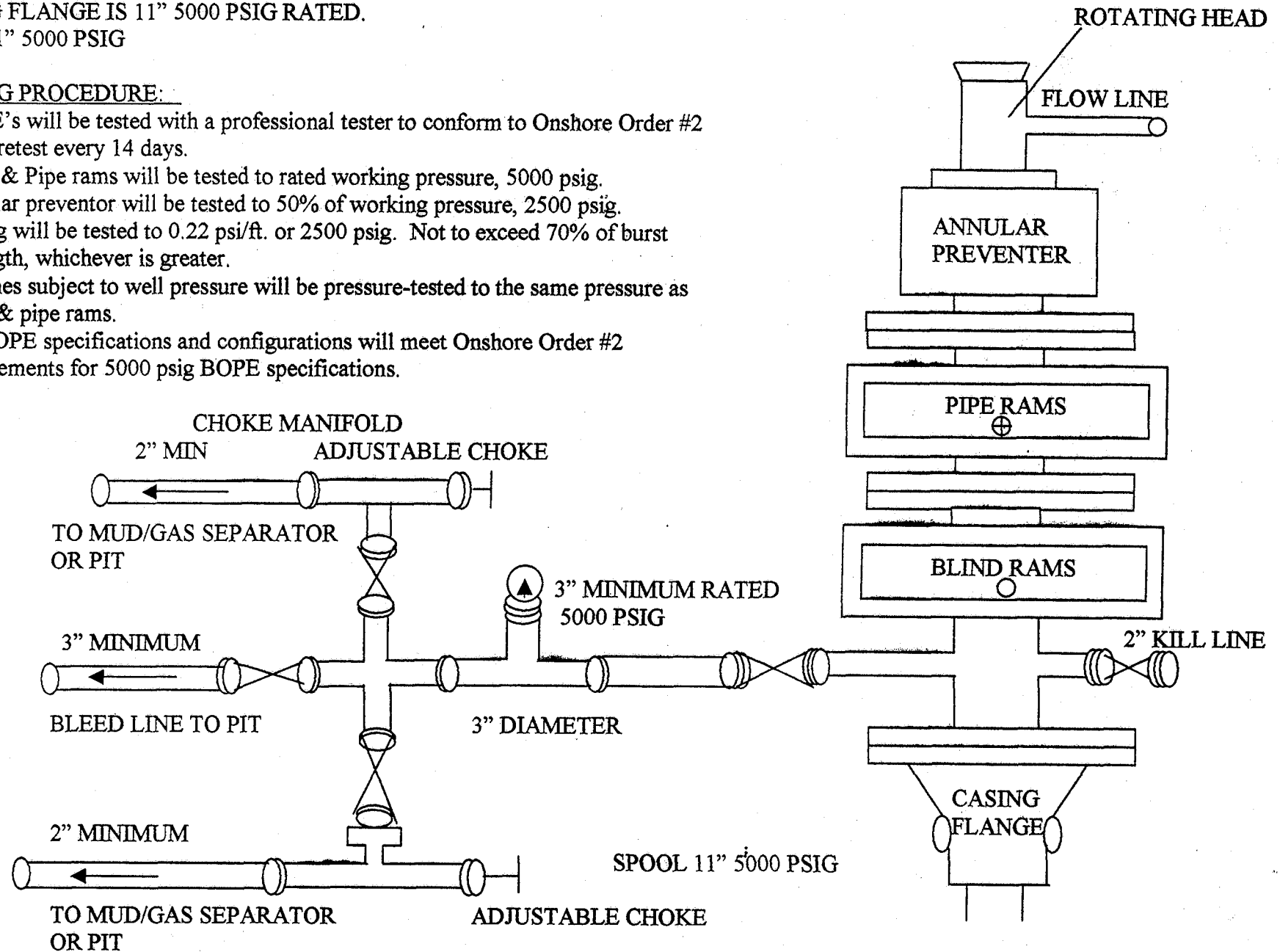


### 5000 PSIG DIAGRAM

ANNULAR PREVENTOR AND BOTH RAMS ARE 5000 PSIG RATED.  
CASING FLANGE IS 11" 5000 PSIG RATED.  
BOPE 11" 5000 PSIG

#### TESTING PROCEDURE:

1. BOPE's will be tested with a professional tester to conform to Onshore Order #2 with retest every 14 days.
2. Blind & Pipe rams will be tested to rated working pressure, 5000 psig.
3. Annular preventor will be tested to 50% of working pressure, 2500 psig.
4. Casing will be tested to 0.22 psi/ft. or 2500 psig. Not to exceed 70% of burst strength, whichever is greater.
5. All lines subject to well pressure will be pressure-tested to the same pressure as blind & pipe rams.
6. All BOPE specifications and configurations will meet Onshore Order #2 requirements for 5000 psig BOPE specifications.





# EOG RESOURCES, INC.

CWU #820-10

LOCATED IN UTAH COUNTY, UTAH

SECTION 10, T9S, R22E, S.L.B.&M.

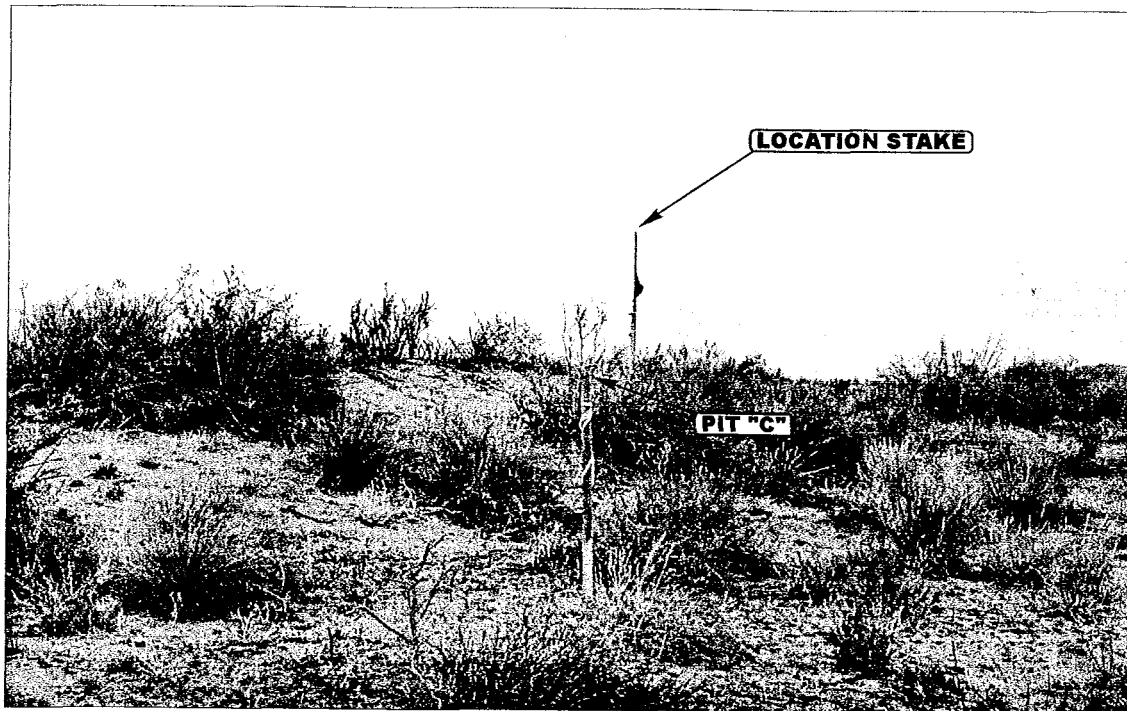


PHOTO: VIEW FROM PIT "C" TO LOCATION STAKE

CAMERA ANGLE: NORTHEASTERLY

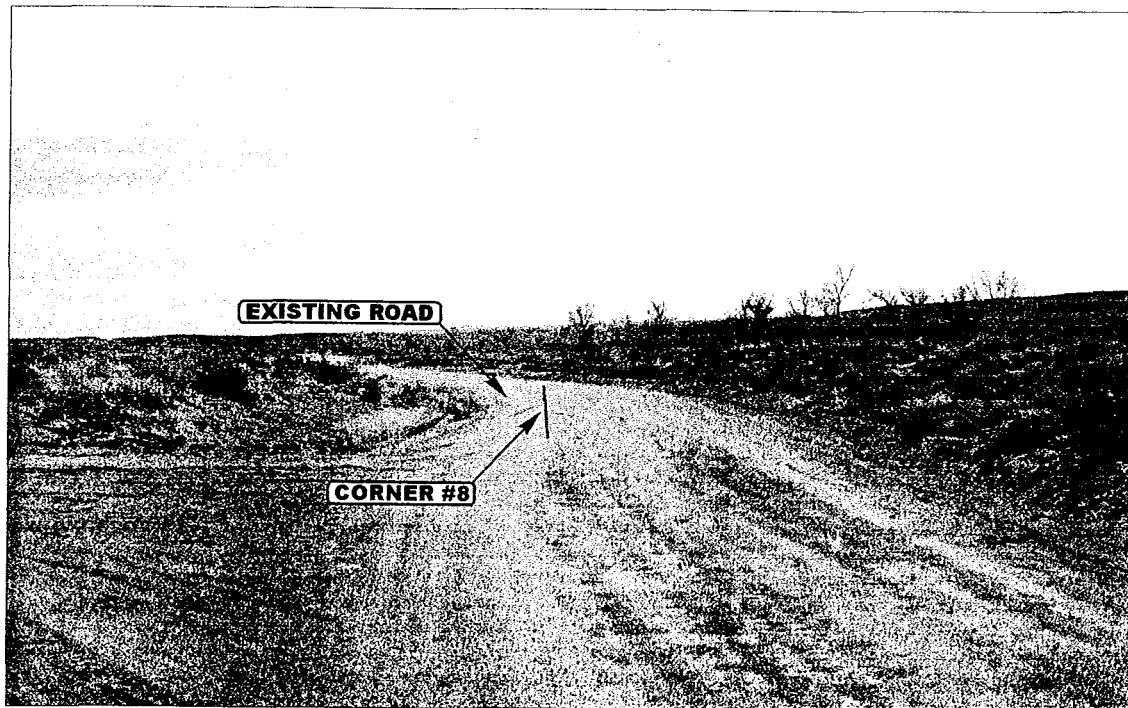


PHOTO: VIEW OF CORNER #8 AND EXISTING ROAD

CAMERA ANGLE: EASTERLY



- Since 1964 -

**UELS**

Uintah Engineering & Land Surveying

85 South 200 East Vernal, Utah 84078

435-789-1017 uels@uelsinc.com

LOCATION PHOTOS

4

19

02

MONTH

DAY

YEAR

PHOTO

TAKEN BY: B.B.

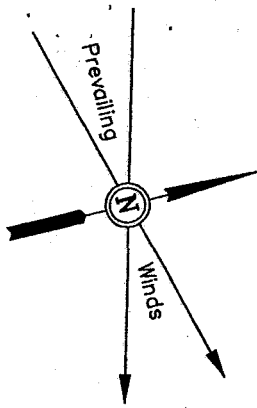
DRAWN BY: J.L.G.

REVISED: 00-00-00

# EOG RESOURCES, INC.

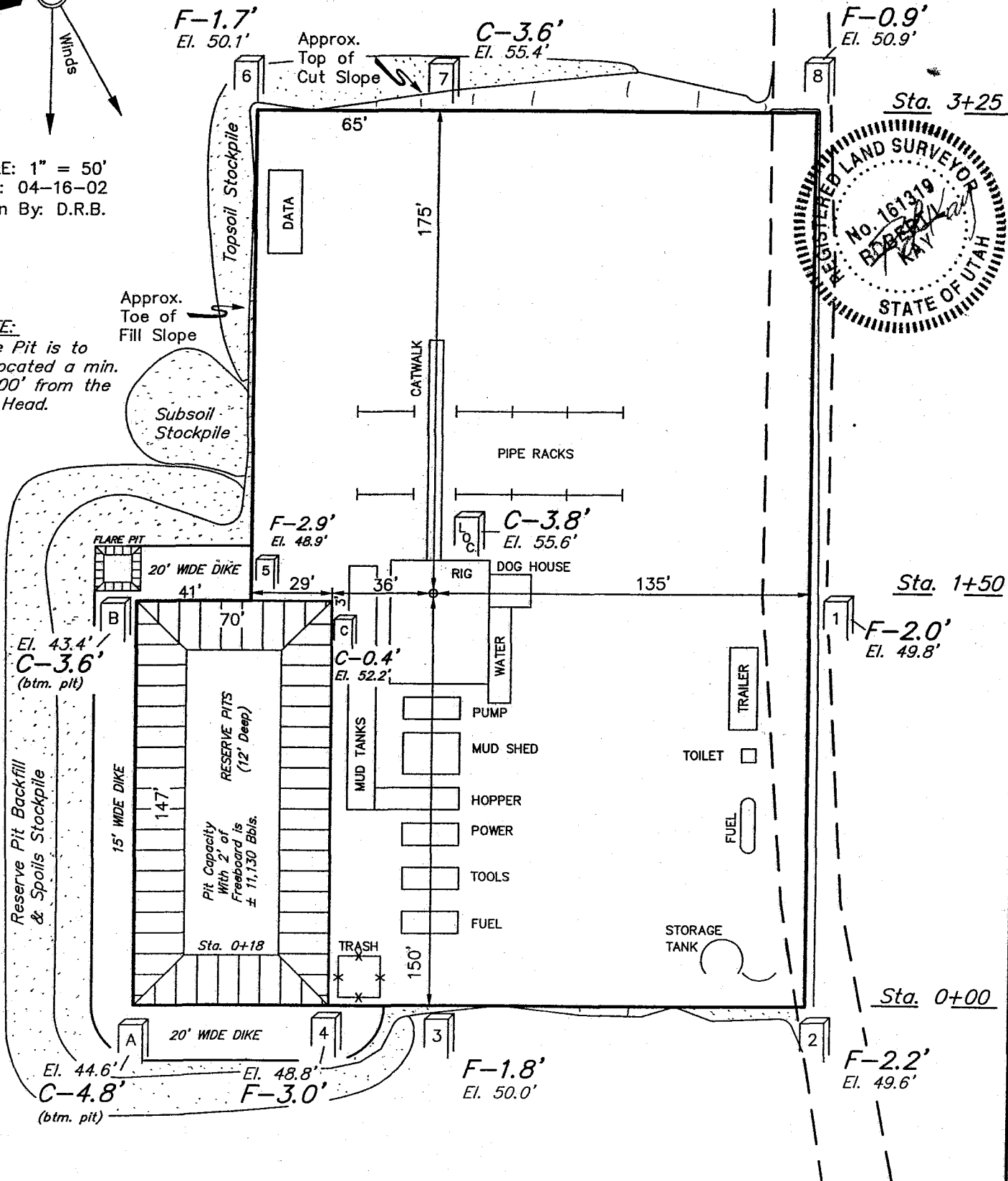
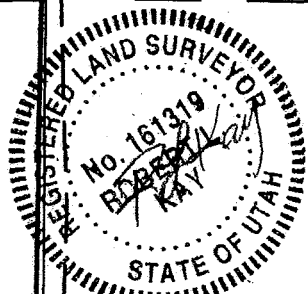
## LOCATION LAYOUT FOR

CWU #820-10  
SECTION 10, T9S, R22E, S.L.B.&M.  
2400' FNL 350' FWL



SCALE: 1" = 50'  
DATE: 04-16-02  
Drawn By: D.R.B.

**NOTE:**  
Flare Pit is to be located a min. of 100' from the Well Head.



Elev. Ungraded Ground at Location Stake = 4755.6'  
Elev. Graded Ground at Location Stake = 4751.8'

UINTAH ENGINEERING & LAND SURVEYING  
85 So. 200 East \* Vernal, Utah 84078 \* (435) 789-1017

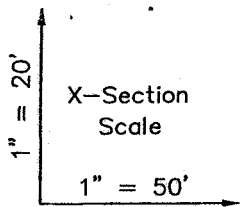
# EOG RESOURCES, INC.

## TYPICAL CROSS SECTIONS FOR

CWU #820-10

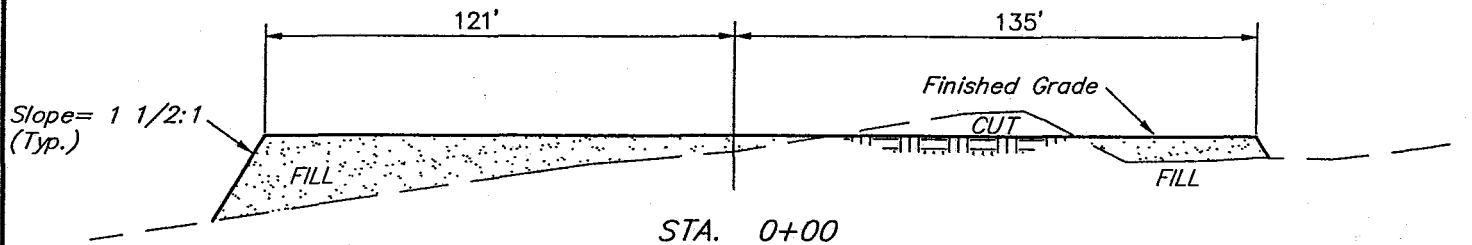
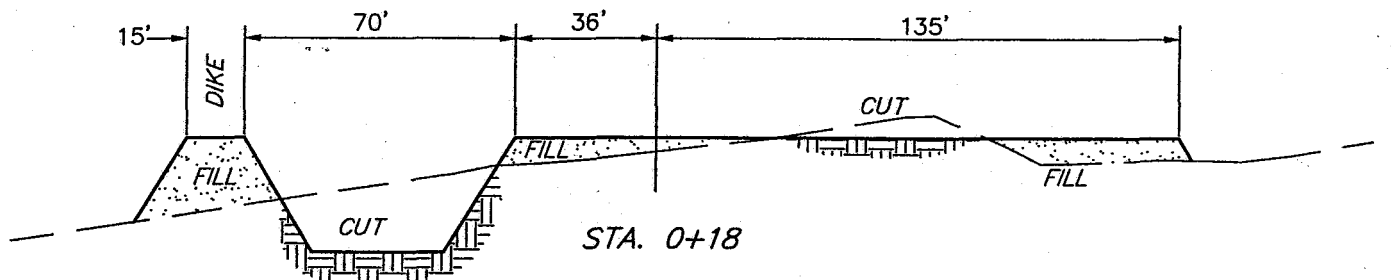
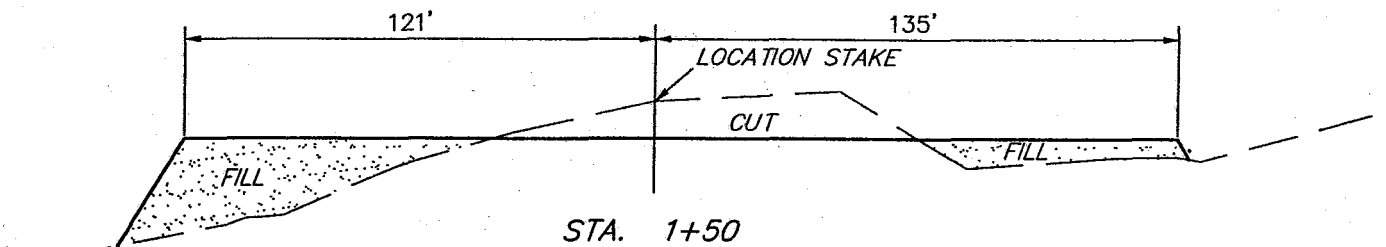
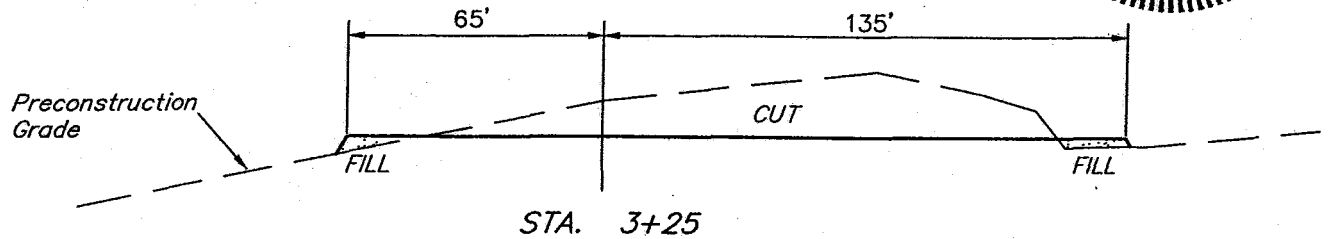
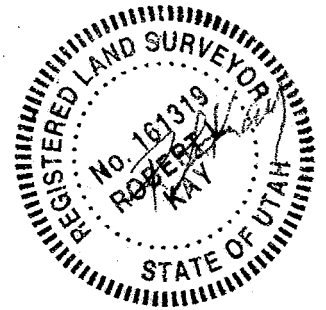
SECTION 10, T9S, R22E, S.L.B.&M.

2400' FNL 350' FWL



DATE: 04-16-02

Drawn By: D.R.B.

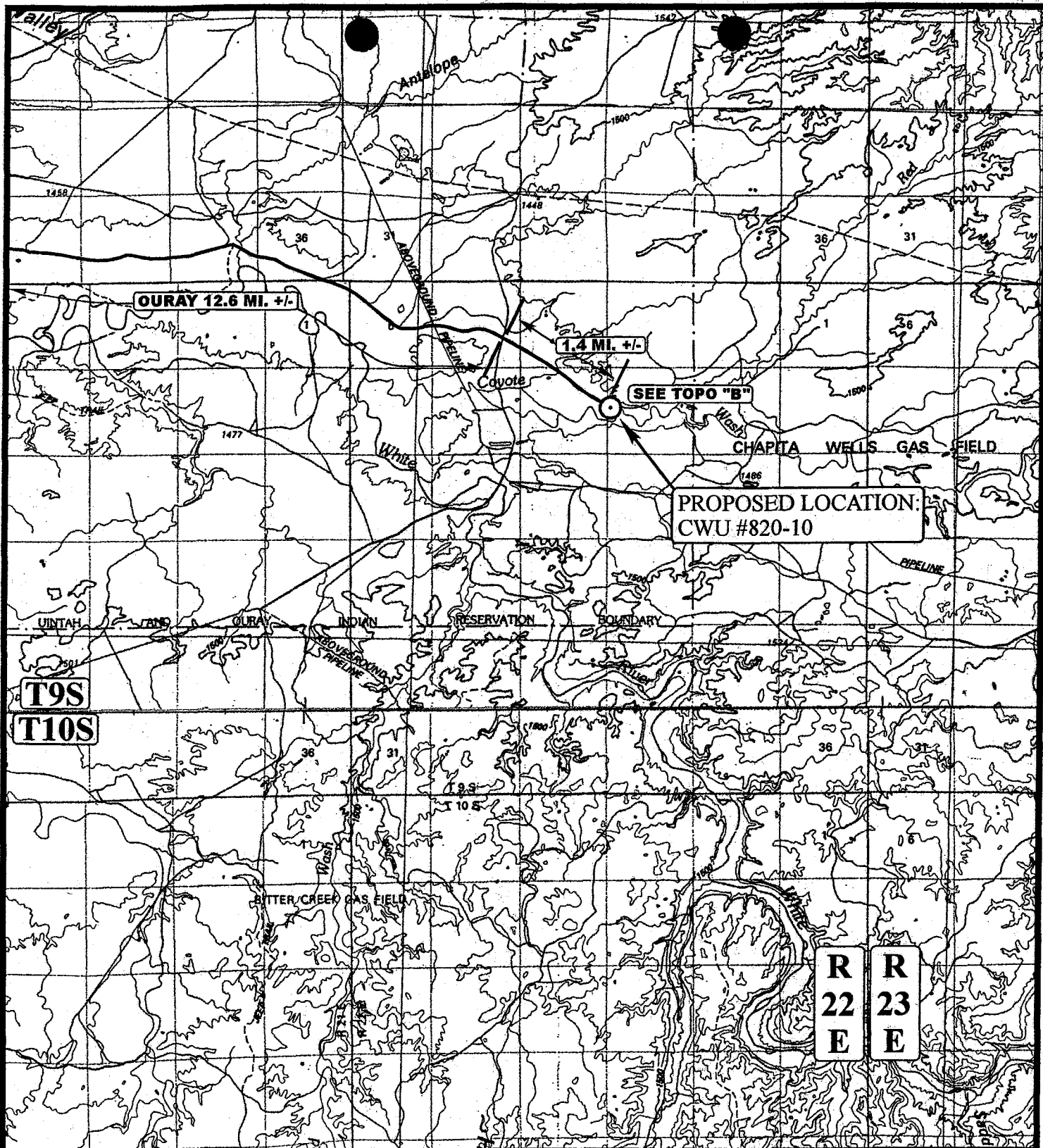


### APPROXIMATE YARDAGES

(6") Topsoil Stripping	=	1,410 Cu. Yds.
Remaining Location	=	5,590 Cu. Yds.
<b>TOTAL CUT</b>	=	<b>7,000 CU.YDS.</b>
<b>FILL</b>	=	<b>3,870 CU.YDS.</b>

EXCESS MATERIAL AFTER 5% COMPACTION	=	2,930 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	=	2,930 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	=	0 Cu. Yds.

UINTAH ENGINEERING & LAND SURVEYING  
85 So. 200 East \* Vernal, Utah 84078 \* (435) 789-1017



# **LEGEND:**

○ PROPOSED LOCATION

N

**EOG RESOURCES, INC.**

**CWU #820-10**

**SECTION 10, T9S, R22E, S.L.B.&M.**

**2400' FNL 350' FWL**



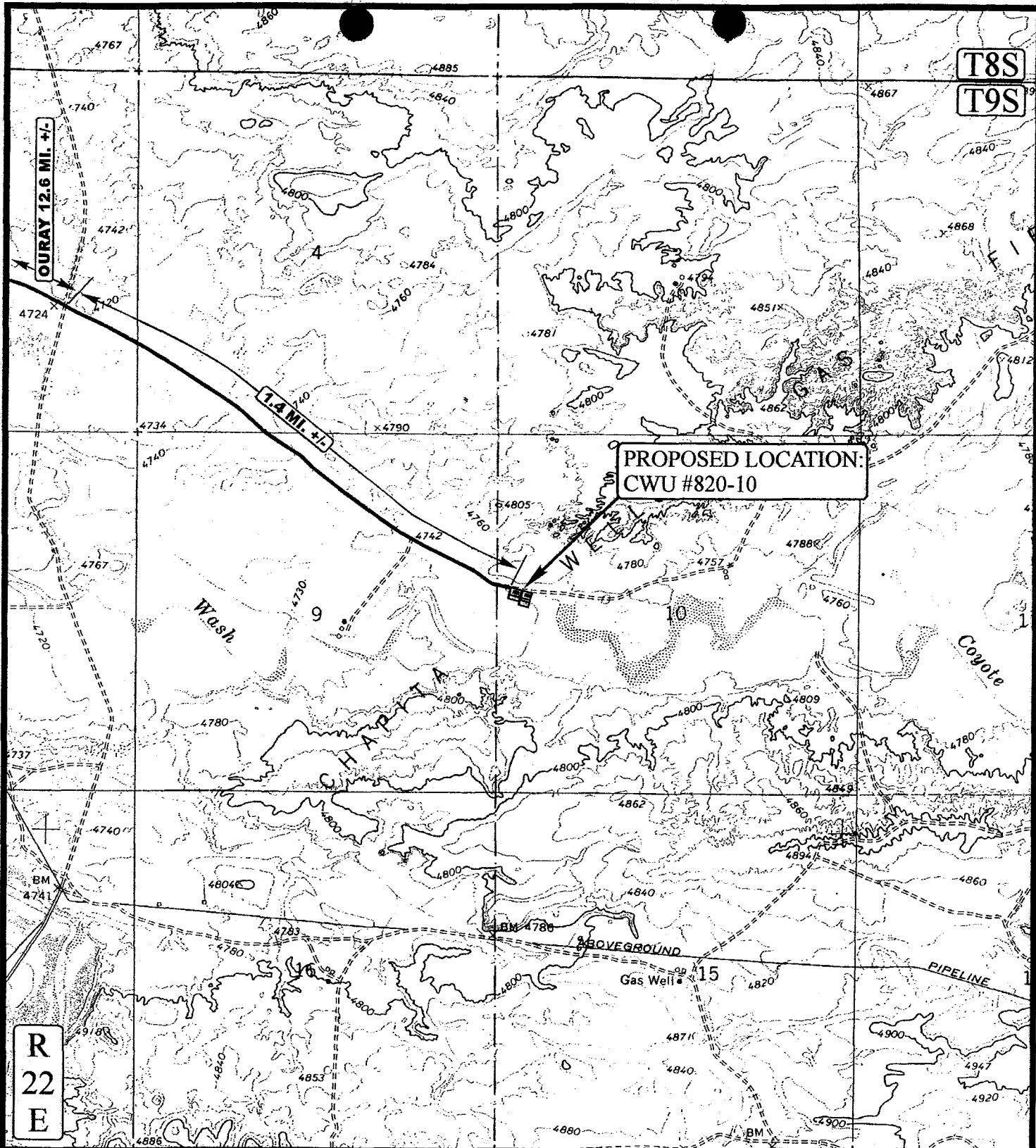
**Uintah Engineering & Land Surveying**  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813

**TOPOGRAPHIC**  
**MAP**

**4 19 02**  
MONTH DAY YEAR

SCALE: 1:100,000 DRAWN BY: J.L.G. REVISED: 00-00-00





# LEGEND:

--- PROPOSED ACCESS ROAD  
 --- EXISTING ROAD

## EOG RESOURCES, INC.

CWU #820-10  
 SECTION 10, T9S, R22E, S.L.B.&M.  
 2400' FNL 350' FWL



Uintah Engineering & Land Surveying  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813



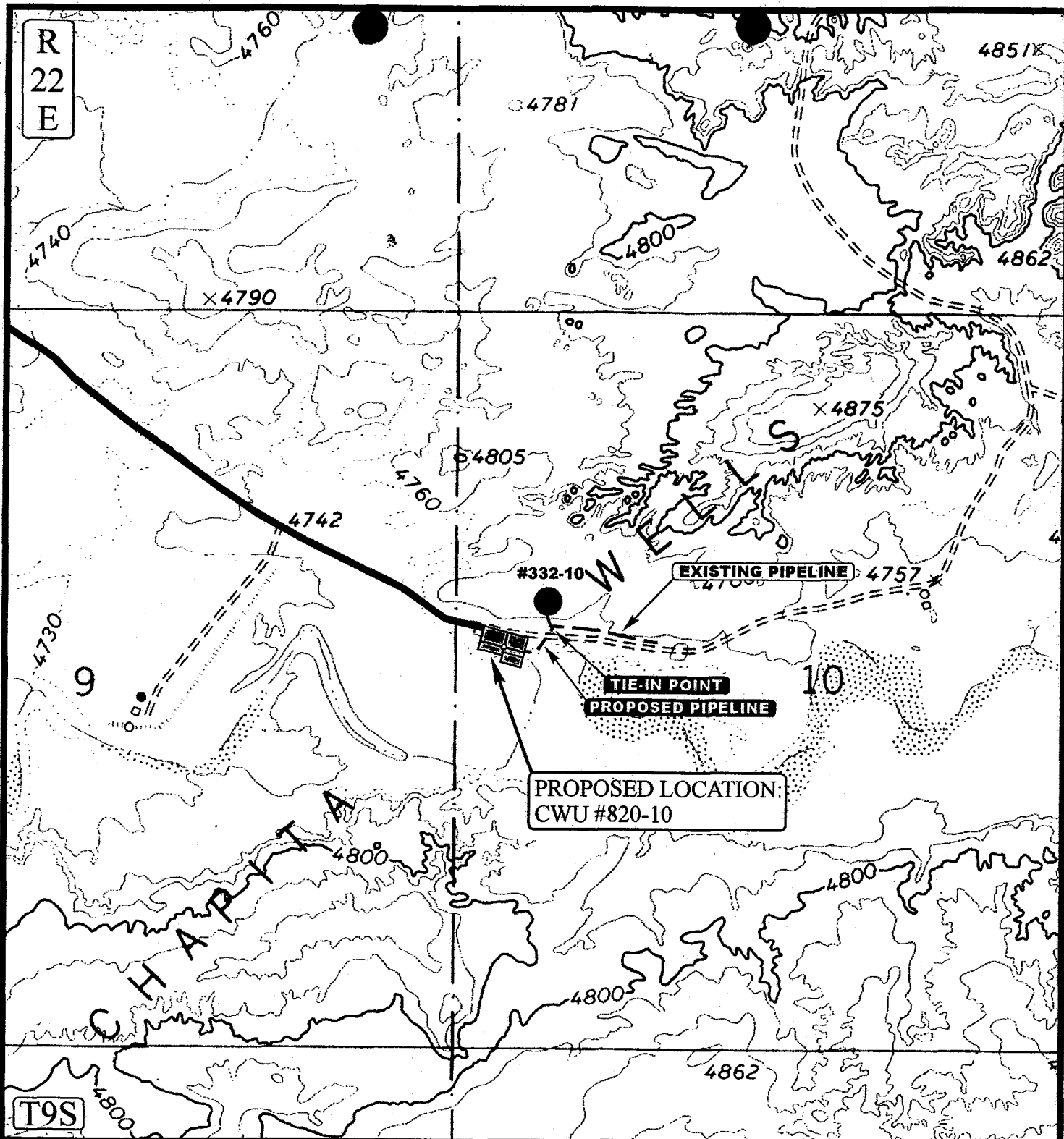
TOPOGRAPHIC  
 MAP

4 19 02  
 MONTH DAY YEAR

B  
 TOPO

SCALE: 1" = 2000' DRAWN BY: JLG REVISED: 00-00-00





APPROXIMATE TOTAL PIPELINE DISTANCE = 300' +/-

LEGEND:

- EXISTING PIPELINE
- - - PROPOSED PIPELINE
- PROPOSED ACCESS

EOG RESOURCES, INC.

CWU #820-10

SECTION 10, T9S, R22E, S.L.B.&M.

2400' FNL 350' FWL



Uintah Engineering & Land Surveying  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813



TOPOGRAPHIC  
MAP

4 19 02  
MONTH DAY YEAR

SCALE: 1" = 1000' DRAWN BY: JLG REVISED: 00-00-00

D  
TOPO

002

WORKSHEET  
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 05/24/2002

API NO. ASSIGNED: 43-047-34582

WELL NAME: CWU 820-10

OPERATOR: EOG RESOURCES INC ( N9550 )

CONTACT: ED TROTTER

PHONE NUMBER: 435-789-0790

PROPOSED LOCATION:

SWNW 10 090S 220E

SURFACE: 2400 FNL 0350 FWL

BOTTOM: 2400 FNL 0350 FWL

UINTAH

NATURAL BUTTES ( 630 )

LEASE TYPE: 1 - Federal

LEASE NUMBER: U-0281

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: BLKHK

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LATITUDE: 40.05119

LONGITUDE: 109.43381

RECEIVED AND/OR REVIEWED:

☒ Plat  
☒ Bond: Fed[1] Ind[] Sta[] Fee[]  
(No. NM-2308 )  
☒ Potash (Y/N)  
☒ Oil Shale 190-5 (B) or 190-3 or 190-13  
☒ Water Permit  
(No. MUNICIPAL )  
☒ RDCC Review (Y/N)  
(Date: )  
☒ Fee Surf Agreement (Y/N)

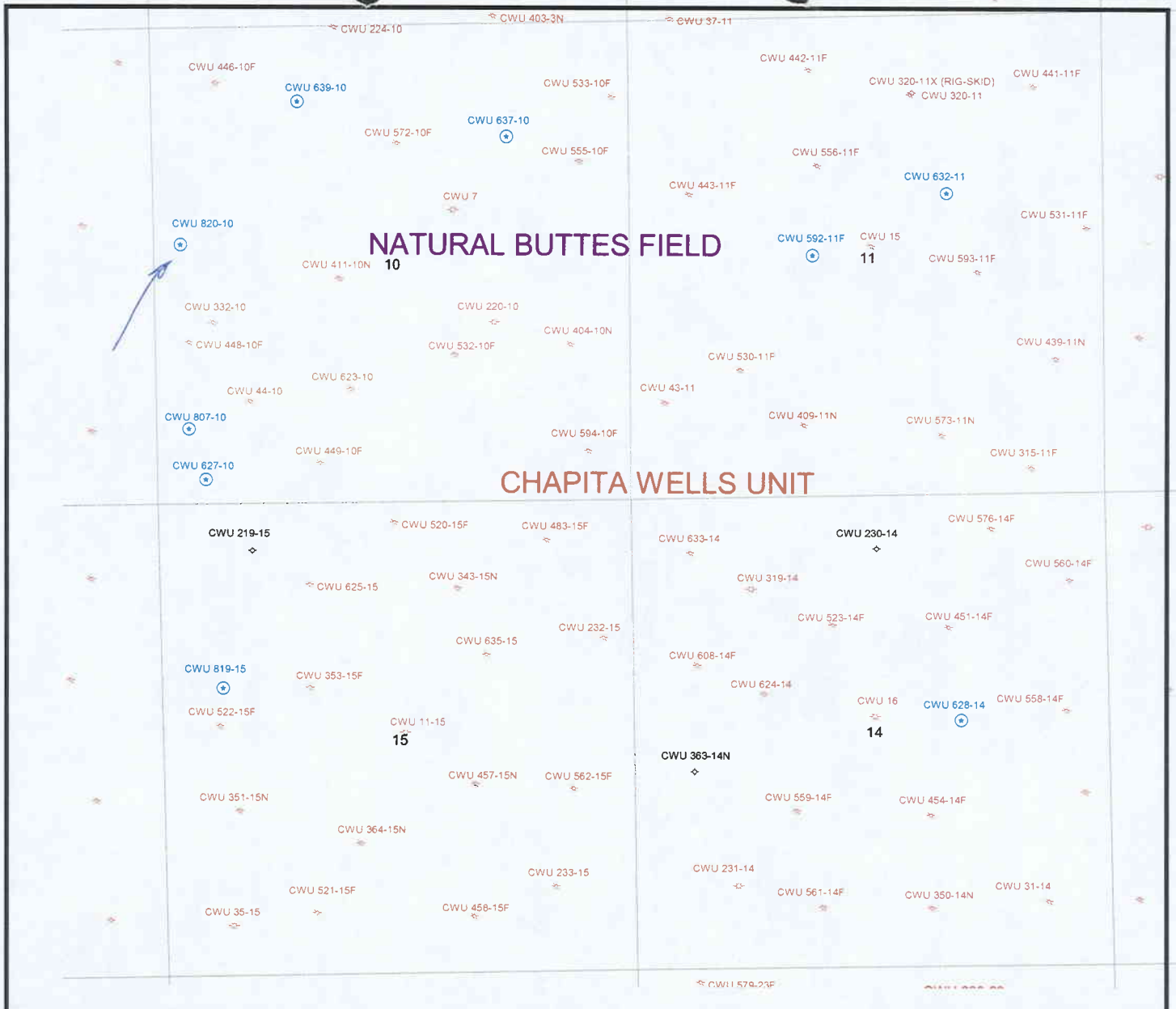
LOCATION AND SITING:

\_\_\_ R649-2-3.  
Unit CHAPITA WELLS  
\_\_\_ R649-3-2. General  
Siting: 460' From Qtr/Qtr & 920' Between Wells  
\_\_\_ R649-3-3. Exception  
☒ Drilling Unit  
Board Cause No: 179.8  
Eff Date: 8-10-99  
Siting: 460' Fr Unit boundary  
\_\_\_ R649-3-11. Directional Drill

COMMENTS:

STIPULATIONS: 1- Fed Approval  
2- OIL SHALE





Operator Name: EOG RESOURCES (N9550)

Sec. 10 T9S R22E

Field: NATURAL BUTTES (630)

County: UINTAH Unit: CHAPITA WELLS CAUSE: 179-8 / 8-10-99



#### Field Status

	ABANDONED
	ACTIVE
	COMBINED
	INACTIVE
	PROPOSED
	STORAGE
	TERMINATED
	Township.shp
	Sections

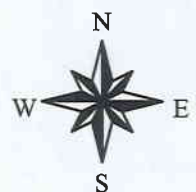
#### Well Status

- Gas Injection
- Gas Storage
- Location Abandoned
- Location
- Plugged
- Producing Gas
- Producing Oil
- Shut-In Gas
- Shut-In Oil
- Temporarily Abandoned
- Test Well
- Water Injection
- Water Supply
- Water Disposal

#### Unit Status

	EXPLORATORY
	GAS STORAGE
	NF PP OIL
	NF SECONDARY
	PENDING
	PI OIL
	PP GAS
	PP GEOTHERML
	PP OIL
	SECONDARY
	TERMINATED

Utah Oil Gas and Mining



Prepared By: D. Mason  
Date: 03-June-2002

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office

P.O. Box 45155

Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:

3160

(UT-922)

June 5, 2002

Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 2002 Plan of Development Chapita Wells Unit,  
Uintah County, Utah.

Pursuant to email between Diana Mason, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management. The following wells are planned for calendar year 2002 within the Chapita Wells Unit, Uintah County, Utah.

Api Number	Well	Location
(Proposed PZ Wasatch)		
43-047-34579	CWU 588-25N	Sec. 25, T9S, R22E 1104 FSL 0726 FEL
(Proposed PZ Wasatch-Mesaverd)		
43-047-34580	CWU 808-21	Sec. 21, T9S, R22E 1785 FNL 2002 FEL
43-047-34581	CWU 819-15	Sec. 15, T9S, R22E 2038 FNL 0724 FWL
43-047-34582	CWU 820-10	Sec. 10, T9S, R22E 2400 FNL 0350 FWL

The current participating area covers the Wasatch formation only. Mesaverde production should not be commingled with Wasatch production without prior approval from the BLM Vernal Field office.

This office has no objection to permitting the wells at this time.

/s/ Michael L. Coulthard

bcc: File - Chapita Wells Unit  
Division of Oil Gas and Mining



State of Utah  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt  
Governor

Kathleen Clarke  
Executive Director

Lowell P. Braxton  
Division Director

1594 West North Temple, Suite 1210

PO Box 145801

Salt Lake City, Utah 84114-5801

801-538-5340

801-359-3940 (Fax)

801-538-7223 (TDD)

June 5, 2002

EOG Resources, Inc  
P O Box 1815  
Vernal, UT 84078

Re: Chapita Wells Unit 820-10 Well, 2400' FNL, 350' FWL, SWNW, Sec. 10, T. 9S, R. 22E,  
Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-34582.

Sincerely,

John R. Baza  
Associate Director

pb  
Enclosures

cc: Uintah County Assessor  
Bureau of Land Management, Vernal District Office

**Operator:** EOG Resources, Inc  
**Well Name & Number** Chapita Wells Unit 820-10  
**API Number:** 43-047-34582  
**Lease:** U-0281

**Location:** SWNW      **Sec.** 10      **T.** 9S      **R.** 22E

### **Conditions of Approval**

**1. General**

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

**2. Notification Requirements**

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dan Jarvis at (801) 538-5338

**3. Reporting Requirements**

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. In accordance with Order in Cause No. 190-5(b) dated October 28, 1982, the Operator shall comply with requirements of Rules R649-3-31 and R649-3-27 pertaining to Designated Oil Shale Areas. Additionally, the operator shall ensure that the surface and/or production casing is properly cemented over the entire oil shale interval as defined by Rule R649-3-31. The Operator shall report the actual depth the oil shale is encountered to the Division.

5. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

## APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK <b>DRILL</b> <input checked="" type="checkbox"/> <b>DEEPEN</b> <input type="checkbox"/>		5. Lease designation and serial number <b>U-0281</b>	
b. TYPE OF WELL Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other <input type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone <input type="checkbox"/>		6. If Indian, Allottee or Tribe name	
2. Name of Operator <b>EOG RESOURCES, INC.</b>		7. Unit Agreement Name <b>CHAPITA WELLS UNIT</b>	
3. Address and Telephone Number <b>P.O. BOX 1815, VERNAL, UT 84078 (435)789-0790</b>		8. Farm or lease name, well no.	
4. Location of Well (Report location clearly and in accordance with any State requirements.) At surface <b>2400' FNL &amp; 350' FWL SW/NW</b>		9. API Well No. <b>CWU 820-10</b>	
At proposed prod. Zone		10. Field and pool, or wildcat. <b>MANCOS</b>	
14. Distance in miles and direction from nearest town or post office <b>14 MILES SOUTHEAST OF OURAY, UTAH</b>		11. Sec., T., R., M., or BLK. and survey or area <b>SEC. 10, T9S, R22E</b>	
15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. Unit line, if any) <b>350'</b>		12. County or parish <b>UINTAH</b>	
16. No. of acres in lease <b>2558</b>		13. State <b>UTAH</b>	
18. Distance from proposed location to nearest well, drilling, completed, or applied for, on this lease, ft.		17. No. of acres assigned to this well	
19. Proposed depth <b>10,560'</b>		20. Rotary or cable tools <b>ROTARY</b>	
21. Elevations (show whether DF, RT, GR, etc.) <b>4751.8 FEET GRADED GROUND</b>		22. Approx. date work will start <b>UPON APPROVAL</b>	

PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	13 3/8"	48#	120' +/-	Cement with 50 sx Class "G" plus 2%
12 1/4"	9 5/8"	36.0#	2800' +/-	CaCl2. (Casing will be preset.) Cement interval from 2800' to 1800' with Class
7 7/8"	4 1/2"	11.6#	10,560' +/-	"G" plus 2% CaCl2 & 1/4#/sx Celloflake. Cement interval from 1800' to surface. With light weight cement plus specified additives. 1" top 25' with Class "G" cement plus 3% CaCl2. Cement interval from TD to 500' +/- above uppermost pay interval with 50/50 Pozmix w/2% gel & 10% salt. Volume to be calculated from Caliper log annular volume plus 5% excess. Circulate casing before cementing. Reciprocate casing during Cementing.

SEE ATTACHMENTS FOR:

8 POINT PLAN  
BOP SCHEMATIC  
SURFACE USE AND OPERATING PLAN  
LOCATION PLAT  
LOCATION LAYOUT  
TOPOGRAPHIC MAPS "A", "B", AND "C"  
GAS SALES PIPELINE MAP "D"

CONFIDENTIAL

AUG 15 2002

DIVISION OF  
OIL, GAS AND MINING

Pc: UTAH DIVISION OF OIL, GAS, AND MINING

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

*Paul D. Jettin*

TITLE Agent

DATE 5-16-2002

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY.

APPROVED BY

*Thomas D. Leavelle*

TITLE

DATE 8/8/2002

CONDITIONS OF APPROVAL ATTACHED

CONDITIONS OF APPROVAL  
APPLICATION FOR PERMIT TO DRILL

Company/Operator: EOG Resources Inc.

Well Name & Number: CWU 820-10

API Number: 43-047-34582

Lease Number: U - 0281

Location: SWNW Sec. 10 T.09S R. 22E

Agreement: CHAPITA WELLS UNIT

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

## CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

### A. DRILLING PROGRAM

#### 1. Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are Expected to be Encountered

Report ALL water shows and water-bearing sands to this office prior to setting the next casing string or requesting plugging orders. Faxed copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

All usable water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

#### 2. Pressure Control Equipment

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc., for a **5M** system and individual components shall be operable as designed. Chart recorders shall be used for all pressure tests.

Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to a BLM representative upon request.

If an air compressor is on location and is being utilized to provide air for the drilling medium while drilling, the special drilling requirements in Onshore Oil and Gas Order No. 2, regarding air or gas drilling shall be adhered to. If a mist system is being utilized then the requirement for a deduster shall be waived.

#### 3. Casing Program and Auxiliary Equipment

The 13 3/8 in. conductor shall be cemented to surface with neat cement.

Surface casing shall have centralizers on the bottom three joints, with a minimum of one centralizer per joint.

In addition, to the cementing proposal for the surface casing, a minimum of 200 ft. of Class G neat cement shall be placed from 200 ft. to surface in the 9 5/8" X 13 3/8" -12 1/4" annulus.

As a minimum, the usable water shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the base of the production casing shoe, identified at  $\pm 2,800$  ft. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

4. Mud Program and Circulating Medium

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

5. Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

All Drill Stem tests (DST) shall be accomplished during daylight hours, unless specific approval to start during other hours is obtained from the AO. However, DSTs may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e., lighting which is adequate for visibility and vapor proof for safe operations). Packers can be released, but tripping should not begin before daylight unless prior approval is obtained from the AO.

A cement bond log (CBL) will be run from the production casing shoe to top of the cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the AO.

6. Notifications of Operations

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

Operator shall report production data to MMS pursuant to 30 CFR 216.5 using form MMS/3160.



Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than five (5) days following the date on which the well is placed on production.

Gas produced from this well may not be vented or flared beyond an initial authorized test period of 30 days or 50 MMCF following its completion, whichever occurs first, without the prior written approval of the Authorized Officer. Should gas be vented or flared without approval beyond the authorized test period, the operator may be directed to shut-in the well until the gas can be captured or approval to continue venting or flaring as uneconomic is granted and the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.

A schematic facilities diagram as required by 43 CFR 3162.7-5(d) shall be submitted to the appropriate Field Office within 60 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-5 (1).

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within thirty (30) days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

7. Other Information

All loading lines will be placed inside the berm surrounding the tank battery. All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the AO.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries and tested for meter accuracy at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with Onshore Oil & Gas Order No. 4 for liquid hydrocarbons and Onshore Oil & Gas Order No. 5 for natural gas measurement.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."

If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to \$10,000 per violation for each day such violation continues, not to exceed a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).

APD approval is valid for a period of one (1) year from the signature date. An extension period may be granted, if requested, prior to the expiration of the original approval period.

In the event after-hours approvals are necessary, you must contact one of the following individuals:

Ed Forsman, Petroleum Engineer (435) 828-7874

Kirk Fleetwood, Petroleum Engineer (435) 828-7875

BLM FAX Machine (435) 781-4410

## **EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES**

While the following wastes are nonexempt, they are not necessarily hazardous.

Unused fracturing fluids or acids

Gas plant cooling tower cleaning wastes

Painting wastes

Oil and gas service company wastes, such as empty drums, drum rinsate, vacuum truck rinsate, sandblast media, painting wastes, spent solvents, spilled chemicals, and waste acids

Vacuum truck and drum rinsate from trucks and drums, transporting or containing nonexempt waste

Refinery wastes

Liquid and solid wastes generated by crude oil and tank bottom reclaimers

Used equipment lubrication oils

Waste compressor oil, filters, and blowdown

Used hydraulic fluids

Waste solvents

Waste in transportation pipeline-related pits

Caustic or acid cleaners

Boiler cleaning wastes

Boiler refractory bricks

Incinerator ash

Laboratory wastes

Sanitary wastes

Pesticide wastes

Radioactive tracer wastes

Drums, insulation and miscellaneous solids.

**CONDITIONS OF APPROVAL**  
**FOR THE SURFACE USE PROGRAM OF THE**  
**APPLICATION FOR PERMIT TO DRILL**

-When installing the pipeline, existing roads shall be followed as much as possible.

-The top 4 to 6 inches of topsoil shall be stripped from location prior to constructing the well and stored near the location as shown on the cut sheet. Seeding shall take place immediately after the dirt work is completed.

-All seed poundages used for seeding the topsoil pile and the reclaimed reserve pit shall be in pure live seed.

-Topsoil will not be used for the construction of tank dikes.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Bureau No. 1004-0135  
Expires September 30, 1990

SUNDRY NOTICE AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT --" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

CONFIDENTIAL

2. Name of Operator

EOG Resources, Inc.

3. Address and Telephone No.

P.O. BOX 1815, VERNAL, UTAH 84078 (435) 789-0790

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

2400' FNL 350' FWL SW/NW  
SECTION 10, T9S, R22E

5. Lease Designation and Serial No.

U-0281

6. If Indian, Allottee or Tribe Name

7. If Unit or C.A., Agreement Designation

CHAPITA WELLS UNIT

8. Well Name and No.

CWU 820-10

9. API Well No.

43-047-34582

10. Field and Pool or Exploratory Area

11. County

State

UINTAH

UTAH

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

☒ NOTICE OF INTENT  
☐ SUBSEQUENT REPORT  
☐ FINAL ABANDONMENT NOTICE

☐ ABANDONMENT  
☐ RECOMPLETION  
☐ PLUGGING BACK  
☐ CASING REPAIR  
☐ ALTERING CASING  
☒ OTHER: EOG Resources, Inc., requests authority to drill to 10,560'

☐ CHANGE OF PLANS  
☐ NEW CONSTRUCTION  
☐ NON-ROUTINE FRACTURING  
☐ WATER SHUT-OFF  
☐ CONVERSION TO INJECTION

(Note: Report results of multiple completion on Well Completions  
or Recompletion Report and Log Form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details and give pertinent dates, including estimated date of starting any proposed work if well is directionally drilled give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work).

EOG Resources, Inc., requests authority to drill the subject well to an estimated TD of 10,560 feet.  
See attachments for revised drilling and casing programs and BOP diagram.

RECEIVED

OCT 02 2002

DIVISION OF  
OIL, GAS AND MINING

14. I hereby certify that the foregoing is true and correct

SIGNED

TITLE Agent

DATE 9-23-2002

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

COPY SENT TO OPERATOR

Date: 10-7-02

Initials: CHD

Accepted by the  
Utah Division of  
Oil, Gas and Mining

Date: 10/3/02

By:

Federal Approval Of This  
Action Is Necessary

# EIGHT POINT PLAN

CONFIDENTIAL

## CHAPITA WELLS UNIT 820-10 SW/NW, SEC. 10, T9S, R22E, S.L.B.&M. UINTAH COUNTY, UTAH EIGHT POINT PLAN

### 1. & 2. ESTIMATED TOPS & ANTICIPATED OIL, GAS, & WATER ZONES:

FORMATION	DEPTH (KB)
Green River	1930
Wasatch	5030
Island	7414
KMV Cret. Price River	7879
KMV Lower Price River	9115
Sego	9628
Buck Tongue	9706
KMV Castlegate	9806
KMV Black Hawk	10,259

EST. TD: 10,560

Anticipated BHP 4600 PSI

### 3. PRESSURE CONTROL EQUIPMENT: BOP Schematic Diagram attached.

### 4. CASING PROGRAM:

HOLE SIZE	INTERVAL	LENGTH	SIZE	WEIGHT	GRADE	THREAD	MINIMUM SAFETY FACTO		
							COLLAPSE	BURST	TENSILE
17 1/2"	0' - 200' +/- GL	200' +/-	13 3/8"	48.0 #	H-40	ST&C	770 PSI	1730 PSI	322,000#
12 1/4"	200' - 2800' +/- KB	2800' +/-	9 5/8"	36.0 #	J-55	ST&C	2020 PSI	3520 PSI	394,000#
7 7/8"	2800' - TD +/-KB	10,560' +/-	4 1/2"	11.6 #	N-80	LT&C	6350 PSI	7780 PSI	223,000#

All casing will be new or inspected.

### 5. Float Equipment:

#### Surface Hole Procedure (0-200' Below GL):

Guide Shoe

Wooden wiper plug

Centralizers: 1 - 5-10' above shoe, every collar for next 3 joints (4 total).

#### Intermediate Hole Procedure (200-2800'):

Guide Shoe

Insert Float Collar (PDC drillable)

Centralizers.: 1-5' above shoe, top of jts. #2 and #3 then every 5<sup>th</sup> joint to surface. (15 total)

#### Production Hole Procedure (2800'-TD):

FS, 1 joint of casing, FC, and balance of casing to surface. Run marker collars and  $\pm 9500'$  and  $\pm 7200'$  (alter depth if needed to avoid placing across any potentially- productive intervals). Centralize 5' above shoe on joint #1, top of joint #2, then every 2nd joint to 400' above Island top (35 total).

CHAPITA WELLS UNIT 820-10  
SW/NW, SEC. 10, T9S, R22E, S.L.B.&M.  
UINTAH COUNTY, UTAH EIGHT POINT PLAN

**6. MUD PROGRAM**

**Surface Hole Procedure (0-200' below GL):**

Air – Air Water Mist

**Intermediate Hole Procedure (200-2800'):**

Water with Gel/LCM sweeps

**Production Hole Procedure (2800'-TD):**

2800'-7200' Close in mud system. Mud up with 6 ppb Diammonium Phosphate (DAP). Drill with DAP water and BARACAT for flocculation. Sweep hole periodically w/ Zeo-gel (or barolift) / LCM sweeps to clean the hole and seal loss zones, especially from 3500-6000'. Add additional LCM as hole dictates. Mud weight and vis as needed, water loss – no control.

7200'-TD Discontinue BARACAT. Mud up with zeogel and PAC-R. Maintain 6 ppb DAP. Do not mix caustic or lime. Maintain 7.5-8.5 pH. Weight up system and add vis as hole conditions require. Run LCM sweep periodically to seal off loss zones or more often as hole dictates. Water loss: 10-12 cc's. Expect increasing gas shows requiring heavier mud weights from top of Island onward. Treat CO2 contamination with Desco and Baracor 95.

Probable lost circulation below 1750' and minor amounts of gas will be present.

Possible mud losses from 3500 to 6000'

**7. VARIANCE REQUESTS:**

- A. EOG Resources, Inc. requests a variance to regulations requiring a straight run blooie line (Where possible, a straight run blooie line will be used).
- B. EOG Resources, Inc. requests a variance to regulations requiring an automatic ignitor or continuous pilot light on the blooie line. (Not required on aerated water system).
- B. EOG Resources, Inc. requests a variance to regulations requiring the blooie line to be 100' in length. To reduce location excavation, the blooie line will be 75' in length.

**8. EVALUATION PROGRAM:**

Logs: SCHLUMBERGER PLATFORM EXPRESS with Di-pole Sonic from TD to base of surface casing in One run. FMI and rotary sidewall cores as needed and based upon results from first log run.

CHAPITA WELLS UNIT 820-10  
SW/NW, SEC. 10, T9S, R22E, S.L.B.&M.  
UINTAH COUNTY, UTAH EIGHT POINT PLAN

**9. CEMENT PROGRAM:**

**Surface Hole Procedure (0-200' Below GL)**

**Lead:** 240 sx. (100% excess volume) Class 'G' cement with 2% S1 (CaCl<sub>2</sub>) & 0.25 pps D29 (cellophane flakes), mixed at 15.8 ppg, 1.15 cu. ft./sk., 4.95 gps water.

**Top Out:** Top out with Class 'G' cement with 2% S1 (CaCl<sub>2</sub>) in mix water, 15.8 ppg, 1.15 cu. ft./sk., 4.95 gps via 1" tubing set at 25' if needed.

**Intermediate Hole Procedure (200-2800')**

**Lead:** 220 sx. (50% excess volume) Class 'G' lead cement (coverage from 1800-0' with 5% D44 (Salt), 12% D20 (Bentonite), 1% D79% (Extender), 0.25% D112 (Fluid Loss Additive), 0.2% D46 (Anti-Foamer) & 0.25 pps D29 (Cellophane flakes) mixed at 11.0 ppg, 3.91 ft<sup>3</sup>/sk., 24.5 gps water.

**Tail:** 300 sx. (50% excess volume) Class 'G' cement (coverage from 2800-1800') with 10% D53 (Gypsum), 2% S1 (CaCl<sub>2</sub>) & 0.25 pps D29 (Cellophane flakes) mixed at 14.2 ppg, 1.61 ft<sup>3</sup>/sk., 7.9 gps water.

**Top Out:** Top out with Class 'G' cement with 2% S1 (CaCl<sub>2</sub>) in mix water, 15.8 ppg, 1.15 cu. ft./sk., 4.95 gps via 1" tubing set at 100' if needed.

Bump plug with fresh water. Do not pump over ½ of shoe volume past calculated displacement. Note and record final lift pressure and plug bump pressure.

**Production Hole Procedure (2800' to TD)**

**Lead:** 35:65 Poz G w/ 4% D20 (Bentonite), 2% D174 (Extender), 0.2% D65 (Dispersant), 0.2% D46 (Antifoamer), 0.75% D112 (Fluid Loss Additive), 0.15% D13 (Retarder), mixed at 13.0 ppg, 1.73 cu. ft./sk., 9.06 gps water.

**Tail:** 50:50 Poz G w/ 2% D20 (Bentonite), 0.1% D46 (Antifoamer), 0.15% D13 (Retarder), 0.2% D167 (Fluid Loss Additive), 0.2% D65 (Dispersant), mixed at 14.1 ppg, 1.28 cu. ft./sk., 5.9 gps water.



**EIGHT POINT PLAN**

CONFIDENTIAL

**CHAPITA WELLS UNIT 820-10**  
**SW/NW, SEC. 10, T9S, R22E, S.L.B.&M.**  
**UINTAH COUNTY, UTAH EIGHT POINT PLAN**

**10. ABNORMAL CONDITIONS:**

**INTERMEDIATE HOLE PROCEDURE (200-2800')**

**Potential Problems:** Probable lost circulation below 1750' and minor amounts of gas will be present.

**PRODUCTION HOLE PROCEDURE 2800'-TD**

**Potential Problems:** Probable lost circulation from 3500-6000'.

**11. STANDARD REQUIRED EQUIPMENT:**

- A. Choke Manifold
- B. Kelly Cock
- C. Stabbing Valve
- D. Visual Mud Monitoring

**12. HAZARDOUS CHEMICALS:**

No chemicals subject to reporting under SARA title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

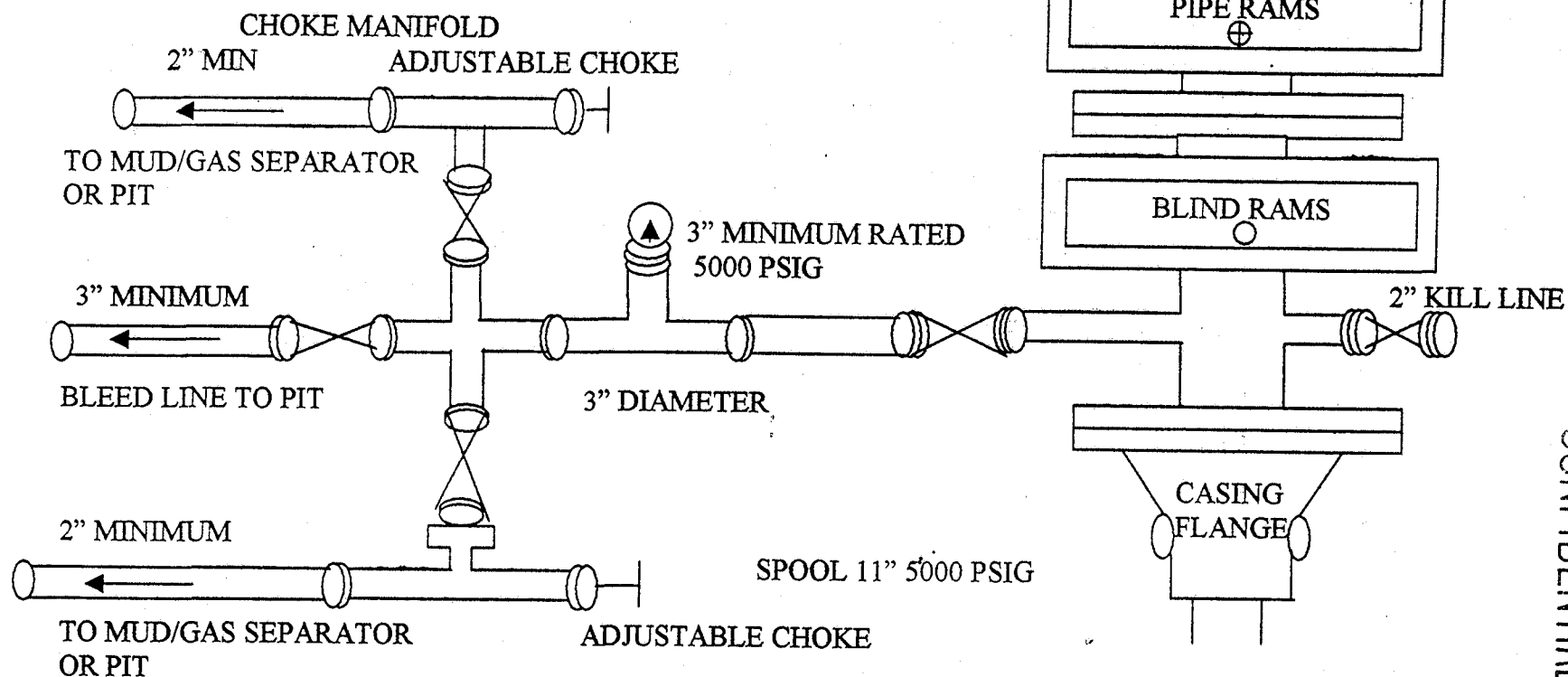
(Attachment: BOP Schematic Diagram)

## 5000 PSIG DIAGRAM

ANNULAR PREVENTOR AND BOTH RAMS ARE 5000 PSIG RATED.  
CASING FLANGE IS 11" 5000 PSIG RATED.  
BOPE 11" 5000 PSIG

### TESTING PROCEDURE:

1. BOPE's will be tested with a professional tester to conform to Onshore Order #2 with retest every 14 days.
2. Blind & Pipe rams will be tested to rated working pressure, 5000 psig.
3. Annular preventor will be tested to 50% of working pressure, 2500 psig.
4. Casing will be tested to 0.22 psi/ft. or 2500 psig. Not to exceed 70% of burst strength, whichever is greater.
5. All lines subject to well pressure will be pressure-tested to the same pressure as blind & pipe rams.
6. All BOPE specifications and configurations will meet Onshore Order #2 requirements for 5000 psig BOPE specifications.



CONFIDENTIAL

DD6

CONFIDENTIAL

**DIVISION OF OIL, GAS AND MINING**

**SPUDDING INFORMATION**

Name of Company: EOG RESOURCES INC

Well Name: CWU 820-10

Api No: 43-047-34582 Lease Type: FEDERAL

Section 10 Township 09S Range 22E County UINTAH

Drilling Contractor ROCKER DRILLING RIG #

**SPUDDED:**

Date 10/24/02

Time 12:30PM

How ROTARY

**Drilling will commence:**

Reported by BOBBY COOPER

Telephone # 1-435-790-2172

Date 10/25/2002 Signed: CHD

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0135  
Expires: November 30, 2000

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

5. Lease Serial No.  
U 0281
6. If Indian, Allottee or Tribe Name
7. If Unit or CA/Agreement, Name and/or No.  
CHAPITA WELLS
8. Well Name and No.  
CHAPITA WELLS UNIT 820-10
9. API Well No.  
43-047-34582
10. Field and Pool, or Exploratory  
CHAPITA WELLS/MESAVERDE
11. County or Parish, and State  
UINTAH COUNTY, UT

1. Type of Well  
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator  
EOG RESOURCES, INC.

Contact: KATY CARLSON  
E-Mail: Kathleen\_Carlson@EOGResources.com

3a. Address  
P.O. BOX 250  
BIG PINEY, WY 83113

3b. Phone No. (include area code)  
Ph: 307.276.4842

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 10 T9S R22E SWNW 2400FNL 350FWL

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Well Spud
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

EOG Resources, Inc. spud 17-1/2" surface hole at the subject location 10/23/2002. The contractor was Rocker Drilling Company. Ed Forsman of the Vernal BLM office and Carol Daniels of the Utah Division of Oil, Gas & Mining were notified of spud 10/23/2002.

**RECEIVED**

**NOV 04 2002**

**DIVISION OF  
OIL, GAS AND MINING**

14. I hereby certify that the foregoing is true and correct.

**Electronic Submission #15667 verified by the BLM Well Information System  
For EOG RESOURCES, INC., will be sent to the Vernal**

Name (Printed/Typed) KATY CARLSON

Title REGULATORY ANALYST

Signature (Electronic Submission)

*Katy Carlson*

Date 10/31/2002

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**\*\* DRAFT \*\* DRAFT \*\* DRAFT \*\* DRAFT \*\* DRAFT \*\* DRAFT \*\* DRAFT \*\***

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

CONFIDENTIAL

FORM APPROVED  
OMB No. 1004-0137  
Expires: November 30, 2000

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.  
U 281

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other  
 b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.  
 Other \_\_\_\_\_

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.  
UTU63013X2. Name of Operator  
EOG RESOURCES, INC.Contact: KATY CARLSON  
E-Mail: Kathleen\_Carlson@EOGResources.com8. Lease Name and Well No.  
CHAPITA WELLS UNIT 820-103. Address P.O. BOX 250  
BIG PINEY, WY 831133a. Phone No. (include area code)  
Ph: 307.276.48429. API Well No.  
43-047-34582

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*

At surface SWNW 2400FNL 350FWL 40.05125 N Lat, 109.43361 W Lon

At top prod interval reported below SWNW 2400FNL 350FWL 40.05125 N Lat, 109.43361 W Lon

At total depth SWNW 2400FNL 350FWL 40.05125 N Lat, 109.43361 W Lon

10. Field and Pool, or Exploratory  
CHAPITA WELLS/MESAVERDE11. Sec., T., R., M., or Block and Survey  
or Area Sec 10 T9S R22E Mer SLB12. County or Parish  
UINTAH13. State  
UT14. Date Spudded  
10/23/200215. Date T.D. Reached  
11/27/200216. Date Completed  
☐ D & A ☒ Ready to Prod.  
12/23/200217. Elevations (DF, KB, RT, GL)\*  
4756 GL18. Total Depth: MD 10563  
TVD 1056319. Plug Back T.D.: MD 10520  
TVD 1052020. Depth Bridge Plug Set: MD  
TVD21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
DST, MICROLOG/PE, 4F/PE, 4PE, TRIPLE LD/CN-14-50222. Was well cored? ☒ No ☐ Yes (Submit analysis)  
Was DST run? ☒ No ☐ Yes (Submit analysis)  
Directional Survey? ☒ No ☐ Yes (Submit analysis)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 J 55	54.5	0	223		240			
12.250	9.625 J 55	36.0	0	2825		520			
7.875	4.500 N 80	11.6	0	10563		2476			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.375	10457							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) MESAVERDE	9183	10503	10338 TO 10503	2.000	20	PRODUCING
B)			9575 TO 9712	3.000	27	PRODUCING
C)			9183 TO 9407	3.000	27	PRODUCING
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
10338 TO 10503	60,360 GALS GELLED WATER & 191,100# 20/40 SAND.
9575 TO 9712	53,459 GALS GELLED WATER & 159,500# 20/40 SAND.
9183 TO 9407	54,050 GALS GELLED WATER & 188,000# 20/40 SAND.

28. Production - Interval A

DIV. OF OIL, GAS &amp; MINING

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
12/23/2002	01/06/2002	24	→	31.0	619.0	70.0			FLows FROM WELL
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
14/64	SI 700	1330.0	→	45	541	75		PGW	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	SI		→						

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #17248 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

\*\* DRAFT \*\* DRAFT \*\* DRAFT \*\* DRAFT \*\* DRAFT \*\* DRAFT \*\* DRAFT \*\*

## 28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

## 28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

29. Disposition of Gas(Sold, used for fuel, vented, etc.)  
SOLD

## 30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

## 31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
WASATCH	5030	7414		WASATCH	4952
PRICE RIVER	7879	9115		ISLAND	7529
SEGO	9628	9706		MESAVERDE	7855
CASTLEGATE	9806	10259		MIDDLE PRICE RIVER	8398
BLACK HAWK	10259	10563		SEGO	9722
				CASTLEGATE	10085
				BLACK HAWK	10227

## 32. Additional remarks (include plugging procedure):

## 33. Circle enclosed attachments:

- |   |                    |               |                       |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.)     | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 6. Core Analysis   | 7. Other:     |                       |

## 34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

Electronic Submission #17248 Verified by the BLM Well Information System.  
For EOG RESOURCES, INC., will be sent to the Vernal

Name (please print) KATY CARLSONTitle REGULATORY ANALYSTSignature \_\_\_\_\_ (Electronic Submission) *Katy Carlson*Date 01/08/2003

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**\*\* DRAFT \*\* DRAFT \*\* DRAFT \*\* DRAFT \*\* DRAFT \*\* DRAFT \*\* DRAFT \*\***

## ENTITY ACTION FORM

Operator: EOG Resources, Inc. Operator Account Number: N 9550  
 Address: PO Box 250  
city Big Piney  
state WY zip 83113 Phone Number: \_\_\_\_\_

## Well 1

API Number	Well Name	QQ	Sec	Twp	Rng	County
4304733937	CWU 606-03F	SWSW	3	9S	22E	Uintah
Action Code	Current Entity Number	New Entity Number	Spud Date	Entity Assignment Effective Date		
D	4905	13756	7/16/2002	4/24/2003		
<b>Comments:</b> Original entity assigned in error - not in the participating area. <span style="float: right; font-size: 1.5em;">CONFIDENTIAL</span>						

## Well 2

API Number	Well Name	QQ	Sec	Twp	Rng	County
4304734511	CWU 812-27	SWNW	28	9S	22E	Uintah
Action Code	Current Entity Number	New Entity Number	Spud Date	Entity Assignment Effective Date		
D	13650	13757	12/3/2002	4/24/2003		
<b>Comments:</b> Original entity assigned in error - not in the participating area. <span style="float: right; font-size: 1.5em;">CONFIDENTIAL</span>						

## Well 3

API Number	Well Name	QQ	Sec	Twp	Rng	County
4304734582	CWU 820-10	SWNW	10	9S	22E	Uintah
Action Code	Current Entity Number	New Entity Number	Spud Date	Entity Assignment Effective Date		
D	13650	13758	10/24/2002	4/24/2003		
<b>Comments:</b> Original entity assigned in error - not in the participating area. <span style="float: right; font-size: 1.5em;">CONFIDENTIAL</span>						

## ACTION CODES:

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

Earlene Russell for DOGM

Name (Please Print)

*Earlene Russell*

Signature

Engineering Tech

Title

4/24/2003

Date

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

CONFIDENTIAL

FORM APPROVED  
OMB No. 1004-0137  
Expires: November 30, 2000

011

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.  
U 02811a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other  
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.  
Other AMENDED

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.  
CHAPITA WELLS2. Name of Operator  
EOG RESOURCES, INC.Contact: KATY CARLSON  
E-Mail: Kathleen\_Carlson@EOGResources.com8. Lease Name and Well No.  
CHAPITA WELLS UNIT 820-103. Address P.O. BOX 250  
BIG PINEY, WY 831133a. Phone No. (include area code)  
Ph: 307.276.48429. API Well No.  
43-047-34582

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*

At surface SWNW 2400FNL 350FWL 40.05125 N Lat, 109.43361 W Lon

At top prod interval reported below SWNW 2400FNL 350FWL 40.05125 N Lat, 109.43361 W Lon

At total depth SWNW 2400FNL 350FWL 40.05125 N Lat, 109.43361 W Lon

10. Field and Pool, or Exploratory  
CHAPITA WELLS/MESAVERDE11. Sec., T., R., M., or Block and Survey  
or Area Sec 10 T9S R22E Mer SLB12. County or Parish  
UINTAH13. State  
UT14. Date Spudded  
10/23/200215. Date T.D. Reached  
11/27/200216. Date Completed  
☐ D & A ☒ Ready to Prod.  
12/23/200217. Elevations (DF, KB, RT, GL)\*  
4756 GL18. Total Depth: MD  
TVD 1056319. Plug Back T.D.: MD  
TVD 1052020. Depth Bridge Plug Set: MD  
TVD21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
SEE ADDITIONAL INFORMATION22. Was well cored? ☒ No ☐ Yes (Submit analysis)  
Was DST run? ☒ No ☐ Yes (Submit analysis)  
Directional Survey? ☒ No ☐ Yes (Submit analysis)

## 23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
			0						
			0						
17.500	13.375 J-55	54.5	0	223		240			
12.250	9.625 J-55	36.0	0	2825		520			
7.875	4.500 N-80	11.6	0	10583		2476			

## 24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.375	10457							

## 25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) MESAVERDE	8820	10503	10338 TO 10503	0.380	20	PRODUCING
B)			9575 TO 9712	0.380	27	PRODUCING
C)			9183 TO 9407	0.380	27	PRODUCING
D)			8810 TO 9070	0.380	27	PRODUCING

## 26. Perforation Record

## 27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
10228 TO 10503	60,360 GALS GELLED WATER & 191,100# 20/40 SAND.
9575 TO 9712	53,459 GALS GELLED WATER & 159,500# 20/40 SAND.
9183 TO 9407	47,420 GALS GELLED WATER & 146,800# 20/40 SAND.
8810 TO 9070	54,050 GALS GELLED WATER & 188,000# 20/40 SAND.

CONFIDENTIAL  
PERIOD  
EXPIRED  
ON 1-23-04

## 28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
12/23/2002	01/06/2003	24	→	31.0	619.0	70.0			FLows FROM WELL
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
14/64	700 SI	1330.0	→	31	619	70		PGW	

## 28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #21782 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

\*\* DRAFT \*\* DRAFT \*\* DRAFT \*\* DRAFT \*\* DRAFT \*\* DRAFT \*\* DRAFT \*\* DRAFT \*\*

RECEIVED

MAY 15 2003



## 28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

## 28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

29. Disposition of Gas(Sold, used for fuel, vented, etc.)  
SOLD

## 30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

## 31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
WASATCH	5030	7414	SHALE	WASATCH	4952
PRICE RIVER	7879	9115	SANDSTONE	ISLAND	7529
SEGO	9628	9706	SANDSTONE	MESAVERDE	7855
CASTLEGATE	9806	10259	SANDSTONE	MIDDLE PRICE RIVER	8398
BLACKHAWK	10259	10563	SANDSTONE	SEGO	9722
				CASTLEGATE	10085
				BLACKHAWK	10227

32. Additional remarks (include plugging procedure):  
AMENDED COMPLETION REPORT

LOGS: PLATFORM EXPRESS LOGS: Array Induction, Triple Litho Density, Compensated Neutron, Microlog, Dipole Sonic Imager & Cement Bond Log, GR.

## 33. Circle enclosed attachments:

- |   |                    |               |                       |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.)     | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 6. Core Analysis   | 7. Other:     |                       |

## 34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

Electronic Submission #21782 Verified by the BLM Well Information System.  
For EOG RESOURCES, INC., will be sent to the Vernal

Name (please print) KATY CARLSONTitle REGULATORY ANALYST

Signature \_\_\_\_\_ (Electronic Submission)

Date 05/13/2003

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**\*\* DRAFT \*\* DRAFT \*\* DRAFT \*\* DRAFT \*\* DRAFT \*\* DRAFT \*\* DRAFT \*\***



**EOG Resources, Inc.**  
600 Seventeenth Street  
Suite 1100N  
Denver, CO 80202  
(303) 572-9000  
Fax: (303) 824-5400

July 10, 2003

State of Utah  
School of Institutional Trust Land Administration  
675 E. 500 S., Suite 500  
Salt Lake City, Utah 84102

State of Utah  
Division of Oil, Gas and Mining  
P.O. Box 145801  
Salt Lake City, Utah 84114-5801

RE: Non-Paying Well Determination  
CWU 820-10  
Chapita Wells Unit  
Uintah County, Utah

Ladies and Gentlemen:

Enclosed, for your files, is a copy of a letter dated July 7, 2003, from the Bureau of Land Management stating the CWU 820-10 well located in the SW/4NW/4 of Section 10, Township 9 South, Range 22 East, Uintah County, Utah, is not capable of producing unitized substances in paying quantities as defined in the Chapita Wells Unit Agreement and, therefore, production from this well should be handled on a lease basis.

If you have any questions, please don't hesitate to contact the undersigned at (303) 824-5430.

Sincerely,

**EOG RESOURCES, INC.**

A handwritten signature in black ink, appearing to read "Debbie Spears", written over a horizontal line.

Debbie Spears  
Sr. Land Technician

/das  
Enclosure  
StUT(non-paying).doc

cc: Bruce Johnston – Westport Oil and Gas Company, Inc.

**RECEIVED**

**JUL 15 2003**

DIV. OF OIL, GAS & MINING

013



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
324 South State, Suite 301  
Salt Lake City, Utah 84111-2303

IN REPLY REFER TO:

3160  
(U-922)

RECEIVED

JUL 09 2003

EOG Resources, Inc.

July 7, 2003

EOG Resources, Inc.  
600 Seventeenth Street  
Suite 1100N  
Denver, CO 80202

Re: Non-Paying Well Determination  
CWU 820-10  
Chapita Wells Unit  
Uintah County, Utah

Gentlemen:

Pursuant to your request of June 30, 2003, it has been determined by this office that under existing conditions the Chapita Wells Unit well No. 820-10, API Number 4304734582, federal lease number UTU0281, unit tract 1, located in the SW $\frac{1}{4}$ NW $\frac{1}{4}$ , Section 10 Township 9 South, Range 22 East, Uintah County, Utah, is not capable of producing unitized substances in paying quantities as defined in Section 9 of the unit agreement.

Production from this well shall be handled and reported on a lease basis.

Sincerely,

Robert A. Henricks  
Chief, Branch of Fluid Minerals

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires: January 31, 2004

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an  
abandoned well. Use Form 3160-3 (APD) for such proposals.*

012

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

EOG RESOURCES, INC.

3a. Address

P.O. BOX 250, BIG PINEY, WYOMING 83113

3b. Phone No. (include area code)

(307) 276-4842

4. Location of Well (Footage, Sec., T, R., M., or Survey Description)

SW/NW 2400' FNL - 350' FWL  
SECTION 10, T9S, R22E

5. Lease Serial No.

U 0281

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

CHAPITA WELLS UNIT

8. Well Name and No.

CHAPITA WELLS UNIT 820-10

9. API Well No.

43-047-34582

10. Field and Pool, or Exploratory Area

CHAPITA WELLS/MEAUVERDE

11. County or Parish, State

UINTAH COUNTY, UTAH

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <u>CONTINUED</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<u>COMPLETION</u>
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

3. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

EOG Resources, Inc. continued the completion of the subject well as follows:

1. Perforated Upper Price River from 8,132-34', 8,137-39', 8,141-43', 8,145-47' & 8,151-53'. Fracture stimulated w/33,754 gals gelled water & 109,439# 20/40 sand.
2. Returned well to production 9/09/2003, from all intervals from 8,132' to 10, 503'.

TEST: 9/15/2003, 213 MCFD, 15 BC, 40 BW in 24 hours on a 14/64" choke, FTP 475 psig, CP 850 psig.

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

KATY CARLSON

Title REGULATORY ANALYST

Signature

*Katy Carlson*

Date SEPTEMBER 23, 2003

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by (Signature)

Name  
(Printed/Typed)

Title

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Date

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on next page)

RECEIVED

SEP 26 2003

DIV. OF OIL, GAS & MINING

OPERATOR: EOG Resources, Inc.  
ADDRESS: P.O. BOX 250  
BIG PINEY, WYOMING 83113

OPERATOR ACCT. NO. N 9550  
FAX: JIM THOMPSON  
(801) 359-3940

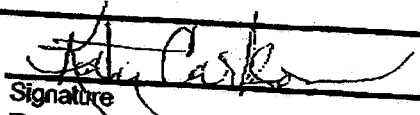
## ENTITY ACTION FORM - FORM 6

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	LOCATION				COUNTY	SPUD DATE	EFFECTIVE DATE
					QQ	SEC.	TP	RG			
A	99999	13661	43-047-34582	CHAPITA WELLS UNIT 820-10	SWNW	10	9S	22E	UINTAH	10/23/2002	11-14-02
New PA well BLKHK Formation. CONFIDENTIAL											
B X	99999	4920	43-047-34053	STAGECOACH UNIT 66-8N	SWSW	9	9S	22E	UINTAH	10/04/2002	11-14-02
CONFIDENTIAL											
A B	99999	13660	43-047-34588	NORTH DUCK CREEK 206-25	SESE	25	8S	21E	UINTAH	11/12/2002	11-14-02
CONFIDENTIAL											

## ACTIONS CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

  
Signature  
Regulatory Analyst  
Title  
Date 11/14/2002

Phone No. (307) 276-4842

RECEIVED

NOV 14 2003

DIVISION OF  
OIL, GAS AND MINING

(3/89)

008

T-824 P.01/01 F-534

3072763335

From-EOG - BIG PINEY, WY.

Nov-14-02 09:26am

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0135  
Expires: July 31, 2010

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*

5. Lease Serial No.  
UTU0281

6. If Indian, Allottee or Tribe Name

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

7. If Unit or CA/Agreement, Name and/or No.  
CHAPITA WELLS UNI

1. Type of Well  
☐ Oil Well ☒ Gas Well ☐ Other

8. Well Name and No.  
CHAPITA WELLS UNIT 820-10

2. Name of Operator  
EOG RESOURCES, INC.

Contact: MARY A. MAESTAS  
E-Mail: mary\_maestas@eogresources.com

9. API Well No.  
43-047-34582

3a. Address  
600 17TH STREET SUITE 1000N  
DENVER, CO 80202

3b. Phone No. (include area code)  
Ph: 303-824-5526

10. Field and Pool, or Exploratory  
NATURAL BUTTES

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 10 T9S R22E SWNW 2400FNL 350FWL

11. County or Parish, and State

UINTAH COUNTY, UT

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input checked="" type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

EOG Resources, Inc. requests authorization to temporarily abandon the subject well while the twin well to this location (Chapita Wells Unit 754-10) is drilled and completed.

COPY SENT TO OPERATOR

Date: 9.17.2008

Initials: KS

Accepted by the  
Utah Division of  
Oil, Gas and Mining

Date: 9/15/08

By: [Signature]

Federal Approval Of This  
Action Is Necessary

RECEIVED

AUG 18 2008

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #62316 verified by the BLM Well Information System  
For EOG RESOURCES, INC., sent to the Vernal

Name (Printed/Typed) MARY A. MAESTAS

Title REGULATORY ASSISTANT

Signature [Signature]

Date 08/14/2008

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\***

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0135  
Expires: July 31, 2010

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

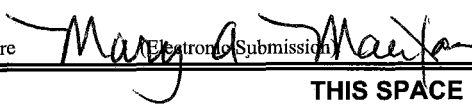
1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. UTU0281
2. Name of Operator EOG RESOURCES, INC.		6. If Indian, Allottee or Tribe Name
Contact: MARY A. MAESTAS E-Mail: mary_maestas@eogresources.com		7. If Unit or CA/Agreement, Name and/or No. CHAPITA WELLS
3a. Address 600 17TH STREET SUITE 1000N DENVER, CO 80202	3b. Phone No. (include area code) Ph: 303-824-5526	8. Well Name and No. CHAPITA WELLS UNIT 820-10
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 10 T9S R22E SWNW 2400FNL 350FWL		9. API Well No. 43-047-34582
		10. Field and Pool, or Exploratory NATURAL BUTTES
		11. County or Parish, and State UINTAH COUNTY, UT

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input checked="" type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompletable horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletable in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

The referenced well was returned to sales on 12/20/2008.

14. I hereby certify that the foregoing is true and correct. <b>Electronic Submission #67223 verified by the BLM Well Information System For EOG RESOURCES, INC., sent to the Vernal</b>	
Name (Printed/Typed) MARY A. MAESTAS	Title REGULATORY ASSISTANT
Signature 	Date 02/12/2009

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By _____	Title _____	Date _____
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office _____

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**RECEIVED**

**\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\***

**FEB 18 2009**

**DIV. OF OIL, GAS & MINING**



## United States Department of the Interior

### BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155  
<http://www.blm.gov/ut/st/en.html>



IN REPLY REFER TO:  
3160  
(U-922)

September 9, 2009

EOG Resources, Inc.  
600 17<sup>th</sup> Street, Suite 1100N  
Denver, CO 80202

Re: CWU 820-10  
Chapita Wells Unit  
Uintah County, Utah

Gentlemen:

Pursuant to Section 11 of the unit agreement, the previously determined non-paying well CWU 820-10, Lease No. UTU0281, API No. 43-047-34582, located in the SWNW of Section 10, Township 9 South, Range 22 East, SLB&M, Uintah County, Utah, is now considered to be in the Chapita Wells Mesaverde PA "A-Z, AA-BB" effective August 1, 2007.

*from 13758 to 13650*  
Sincerely,

*/s/ Becky J. Hammond*

Becky J. Hammond  
Chief, Branch of Fluid Minerals

bcc: UDOGM  
SITLA  
MMS  
FOM - Vernal  
Unit File - Chapita Wells Unit  
Fluids - Mickey  
Agr. Sec. Chron.  
Central Files  
Reading File

LWilcken:lw:09/09/09

RECEIVED  
SEP 15 2009  
DIV. OF OIL, GAS & MINING



STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 6

**ENTITY ACTION FORM**

Operator: EOG Resources, Inc. Operator Account Number: N 9550  
Address: 1060 East Highway 40  
city Vernal  
state UT zip 84078 Phone Number: (435) 781-9145

**Well 1**

API Number	Well Name		QQ	Sec	Twp	Rng	County
43-047-40324	CHAPITA WELLS UNIT 1144-18		SENW	18	9S	23E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
A	99999	13650	9/16/2009		9/30/09		
Comments: <u>MESAVERDE</u> <u>PRRV =</u>							

**Well 2**

API Number	Well Name		QQ	Sec	Twp	Rng	County
43-047-34582	CHAPITA WELLS UNIT 820-10		SWNW	10	9S	22E	UINTAH
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
C	13758	13650	10/23/2002		8/1/2007		
Comments: <u>#MESAVERDE</u> <u>9/30/09</u>							

**Well 3**

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
Comments:							

**ACTION CODES:**

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

Mickenzie Thacker

Name (Please Print)

*Mickenzie Thacker*

Signature

Operations Clerk

Title

9/22/2009

Date

RECEIVED

SEP 23 2009

DIV. OF OIL, GAS & MINING